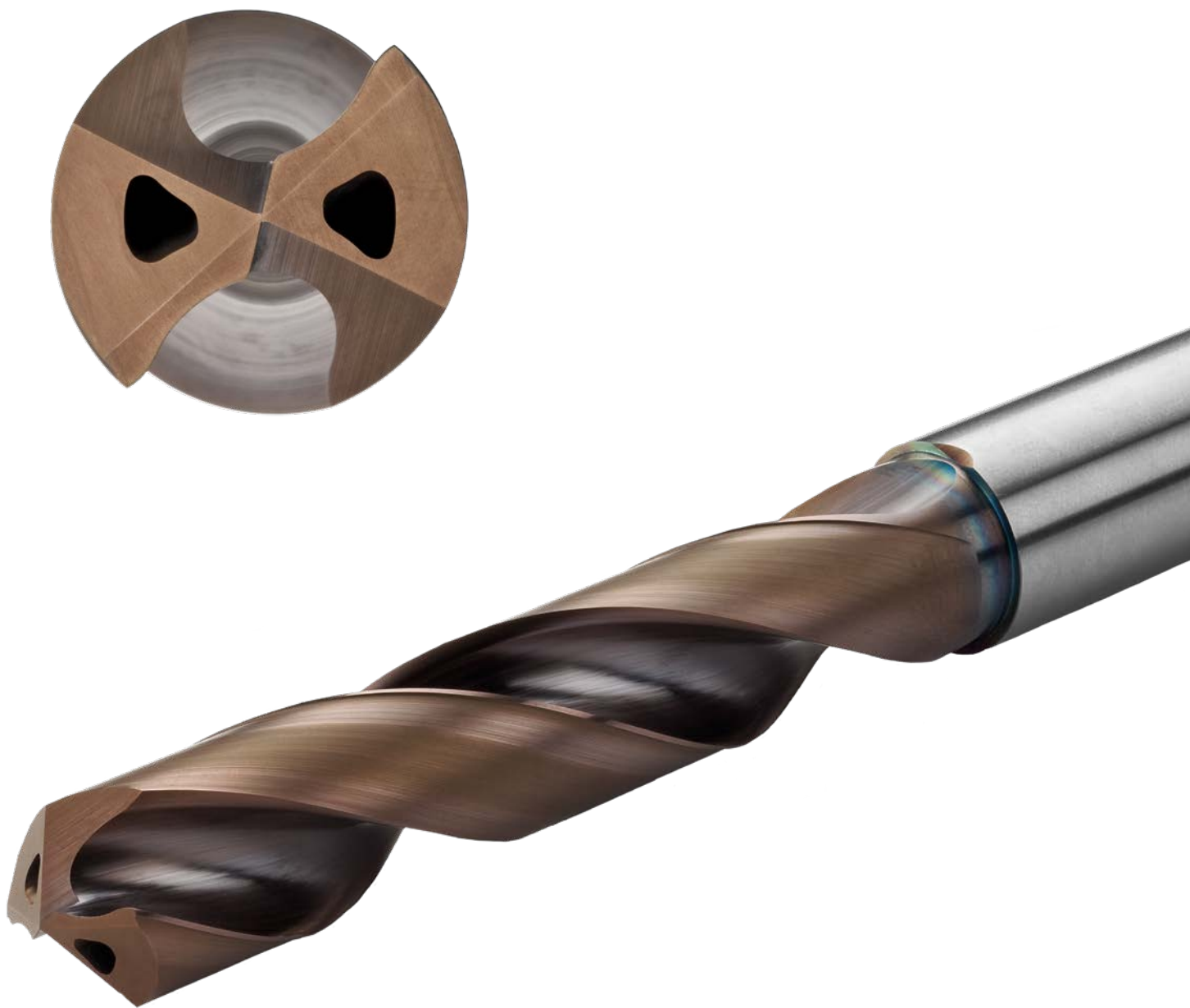


# MMS

МОНОЛИТНОЕ ТВЕРДОСПЛАВНОЕ СВЕРЛО ДЛЯ ОБРАБОТКИ  
НЕРЖАВЕЮЩЕЙ СТАЛИ



# MMS

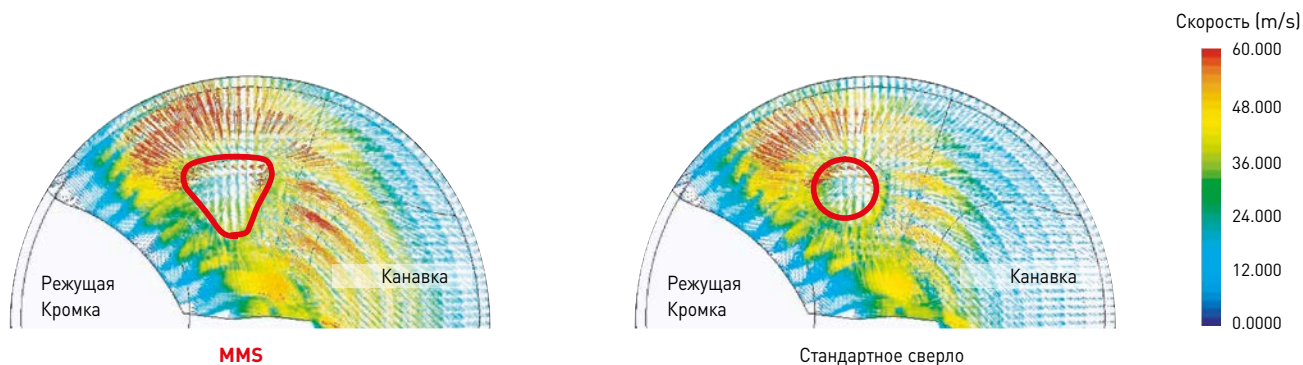
## МОНОЛИТНОЕ ТВЕРДОСПЛАВНОЕ СВЕРЛО ДЛЯ ОБРАБОТКИ НЕРЖАВЕЮЩЕЙ СТАЛИ

УНИКАЛЬНАЯ ГЕОМЕТРИЯ ОТВЕРСТИЯ ДЛЯ ПОДАЧИ СОЖ ДЛЯ ВЫСОКОЙ ПРОИЗВОДИТЕЛЬНОСТИ И ДЛИТЕЛЬНОГО СРОКА СЛУЖБЫ ИНСТРУМЕНТА



ПО СРАВНЕНИЮ СО СТАНДАРТНЫМИ СВЕРЛАМИ ОБЪЕМ СОЖ УВЕЛИЧЕН ВДВОЕ. УЛУЧШЕННОЕ ОХЛАЖДЕНИЕ ДЛЯ УВЕЛИЧЕНИЯ СРОКА СЛУЖБЫ ИНСТРУМЕНТА.

### МОДЕЛИРОВАНИЕ СКОРОСТИ ПОТОКА СОЖ (4700 ОБ/МИН)



# MMS



## МОНОЛИТНОЕ ТВЕРДОСПЛАВНОЕ СВЕРЛО ДЛЯ ОБРАБОТКИ НЕРЖАВЕЮЩЕЙ СТАЛИ

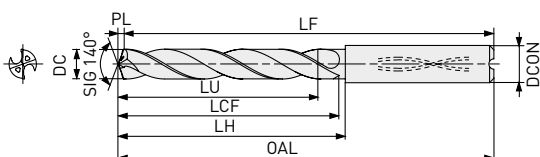
**М**



### 1 Цилиндрический тип хвостовика

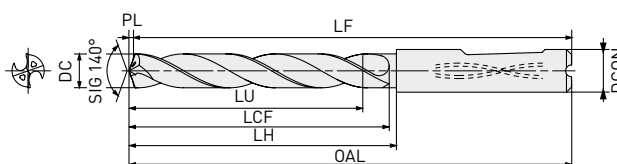
MMS---S/L-DIN-C (l/d 3-5)

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



### 2 Тип хвостовика Whistle notch

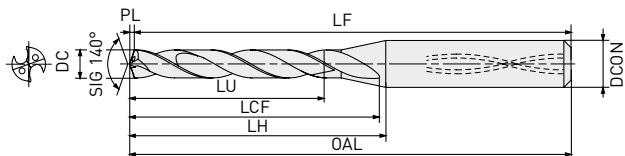
MMS---S/L-DIN (l/d 3-5)



### 3 Цилиндрический тип хвостовика с конической шейкой

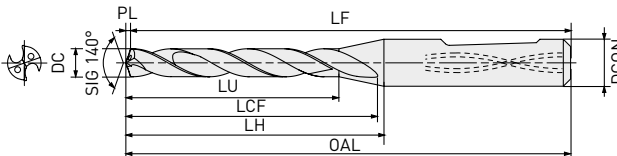
MMS---S/L-DIN-C (l/d 3-5)

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



### 4 Тип хвостовика Whistle notch с конической шейкой

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



	DC=3	3<DC≤6	6<DC≤10	10<DC≤18	18<DC≤20
DIN Тип (m7)	+0.012	+0.016	+0.021	+0.025	+0.029
Прочее (h8)	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

- Для высокоточного и эффективного сверления нержавеющей стали.
- Сверла с TR1 отверстиями для СОЖ начинаются с Ø 4.60 мм.

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							Тип
			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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	тип
MMS0310S-DIN	□	3	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	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	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	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	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	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	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	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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ГП
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)								
			LU	LCF	LH	OAL	LF	PL	DCON	ГП	
MMS0470S-DIN	□	3	4.7	14.1	24.0	30.0	66.0	65.1	0.9	6	2
MMS0470S-DIN-C	□	3	4.7	14.1	24.0	30.0	66.0	65.1	0.9	6	1
MMS0470L-DIN	□	5	4.7	23.5	36.0	38.0	74.0	73.1	0.9	6	2
MMS0470L-DIN-C	□	5	4.7	23.5	36.0	38.0	74.0	73.1	0.9	6	1
MMS0470X3DB	★	3	4.7	14.1	26.0	29.0	75.9	75.0	0.9	6	1
MMS0470X5DB	★	5	4.7	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	4.8	14.4	28.0	30.0	66.0	65.1	0.9	6	1
MMS0480L-DIN	□	5	4.8	24.0	44.0	46.0	82.0	81.1	0.9	6	2
MMS0480L-DIN-C	●	5	4.8	24.0	44.0	46.0	82.0	81.1	0.9	6	1
MMS0480X3DB	★	3	4.8	14.4	26.0	29.0	75.9	75.0	0.9	6	1
MMS0480X5DB	★	5	4.8	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	4.9	14.7	28.0	30.0	66.0	65.1	0.9	6	1
MMS0490L-DIN	□	5	4.9	24.5	44.0	46.0	82.0	81.1	0.9	6	2
MMS0490L-DIN-C	□	5	4.9	24.5	44.0	46.0	82.0	81.1	0.9	6	1
MMS0490X3DB	★	3	4.9	14.7	26.0	29.0	75.9	75.0	0.9	6	1
MMS0490X5DB	★	5	4.9	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	5.0	25.0	44.0	46.0	82.0	81.1	0.9	6	1
MMS0500X3DB	★	3	5.0	15.0	26.0	29.0	75.9	75.0	0.9	6	1
MMS0500X5DB	★	5	5.0	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	5.05	15.2	28.0	30.0	66.0	65.1	0.9	6	1
MMS0505L-DIN	□	5	5.05	25.3	44.0	46.0	82.0	81.1	0.9	6	2
MMS0505L-DIN-C	●	5	5.05	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	5.1	15.3	28.0	30.0	66.0	65.1	0.9	6	1
MMS0510L-DIN	□	5	5.1	25.5	44.0	46.0	82.0	81.1	0.9	6	2
MMS0510L-DIN-C	●	5	5.1	25.5	44.0	46.0	82.0	81.1	0.9	6	1
MMS0510X3DB	★	3	5.1	15.3	29.0	31.0	81.9	81.0	0.9	6	1
MMS0510X5DB	★	5	5.1	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	5.2	15.6	28.0	30.0	66.0	65.1	0.9	6	1
MMS0520L-DIN	□	5	5.2	26.0	44.0	46.0	82.0	81.1	0.9	6	2
MMS0520L-DIN-C	●	5	5.2	26.0	44.0	46.0	82.0	81.1	0.9	6	1
MMS0520X3DB	★	3	5.2	15.6	29.0	31.0	81.9	81.0	0.9	6	1
MMS0520X5DB	★	5	5.2	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	5.3	15.9	28.0	30.0	66.0	65.0	1.0	6	1
MMS0530L-DIN	□	5	5.3	26.5	44.0	46.0	82.0	81.0	1.0	6	2
MMS0530L-DIN-C	□	5	5.3	26.5	44.0	46.0	82.0	81.0	1.0	6	1
MMS0530X3DB	★	3	5.3	15.9	29.0	31.0	82.0	81.0	1.0	6	1
MMS0530X5DB	★	5	5.3	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	5.4	16.2	28.0	30.0	66.0	65.0	1.0	6	1
MMS0540L-DIN	□	5	5.4	27.0	44.0	46.0	82.0	81.0	1.0	6	2
MMS0540L-DIN-C	□	5	5.4	27.0	44.0	46.0	82.0	81.0	1.0	6	1
MMS0540X3DB	★	3	5.4	16.2	29.0	31.0	82.0	81.0	1.0	6	1
MMS0540X5DB	★	5	5.4	27.0	40.0	43.0	90.0	89.0	1.0	6	1

# MMS

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ТМ
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ГП
MMS0630S-DIN	□	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	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	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	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	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	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	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	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	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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ТМ
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)								
			LU	LCF	LH	OAL	LF	PL	DCON	ТП	
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		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		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		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		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		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		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		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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ГП
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							МП	
			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

Обозначение	DР7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ТМ
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ГП
MMS1130S-DIN	□	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	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	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	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	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	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	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	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	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

Обозначение	DР7020 Глубина сверления	DC	Размеры (мм)							МП
			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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ГП
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

Обозначение	DР7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ТМ
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)								
			LU	LCF	LH	OAL	LF	PL	DCON	ГП	
MMS1460S-DIN	<input type="checkbox"/>	3	14.6	43.8	64.0	66.0	114.0	111.3	2.7	16	2
MMS1460S-DIN-C	<input type="checkbox"/>	3		43.8	64.0	66.0	114.0	111.3	2.7	16	1
MMS1460L-DIN	<input type="checkbox"/>	5		73.0	82.0	84.0	132.0	129.3	2.7	16	2
MMS1460L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	14.7	44.1	64.0	66.0	114.0	111.3	2.7	16	2
MMS1470S-DIN-C	<input type="checkbox"/>	3		44.1	64.0	66.0	114.0	111.3	2.7	16	1
MMS1470L-DIN	<input type="checkbox"/>	5		73.5	82.0	84.0	132.0	129.3	2.7	16	2
MMS1470L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	14.8	44.4	64.0	66.0	114.0	111.3	2.7	16	2
MMS1480S-DIN-C	<input type="checkbox"/>	3		44.4	64.0	66.0	114.0	111.3	2.7	16	1
MMS1480L-DIN	<input type="checkbox"/>	5		74.0	82.0	84.0	132.0	129.3	2.7	16	2
MMS1480L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	14.9	44.7	64.0	66.0	114.0	111.3	2.7	16	2
MMS1490S-DIN-C	<input type="checkbox"/>	3		44.7	64.0	66.0	114.0	111.3	2.7	16	1
MMS1490L-DIN	<input type="checkbox"/>	5		74.5	82.0	84.0	132.0	129.3	2.7	16	2
MMS1490L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	15.0	45.0	64.0	66.0	114.0	111.3	2.7	16	1
MMS1500L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	15.1	45.3	65.0	67.0	115.0	112.3	2.7	16	2
MMS1510S-DIN-C	<input type="checkbox"/>	3		45.3	65.0	67.0	115.0	112.3	2.7	16	1
MMS1510L-DIN	<input type="checkbox"/>	5		75.5	83.0	85.0	133.0	130.3	2.7	16	2
MMS1510L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	15.2	45.6	65.0	67.0	115.0	112.2	2.8	16	2
MMS1520S-DIN-C	<input type="checkbox"/>	3		45.6	65.0	67.0	115.0	112.2	2.8	16	1
MMS1520L-DIN	<input type="checkbox"/>	5		76.0	83.0	85.0	133.0	130.2	2.8	16	2
MMS1520L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	15.3	45.9	65.0	67.0	115.0	112.2	2.8	16	2
MMS1530S-DIN-C	<input type="checkbox"/>	3		45.9	65.0	67.0	115.0	112.2	2.8	16	1
MMS1530L-DIN	<input type="checkbox"/>	5		76.5	83.0	85.0	133.0	130.2	2.8	16	2
MMS1530L-DIN-C	<input type="checkbox"/>	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

Обозначение	DР7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ТМ
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)								
			LU	LCF	LH	OAL	LF	PL	DCON	ГП	
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

Обозначение	DP7020	Глубина сверления	DC	Размеры (мм)							
				LU	LCF	LH	OAL	LF	PL	DCON	ТМ
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)									
			LU	LCF	LH	OAL	LF	PL	DCON	ТМ		
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	ТМ
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

Обозначение	DP7020 Глубина сверления	DC	Размеры (мм)							
			LU	LCF	LH	OAL	LF	PL	DCON	TL
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

## РЕКОМЕНДУЕМЫЕ РЕЖИМЫ РЕЗАНИЯ

Обрабатываемый материал	DC	Vc	n	f	Vf
Аустенитная нержавеющая сталь (≤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
Аустенитная нержавеющая сталь (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
М Ферро-аустенитная нержавеющая сталь (≤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
Ферритная и мартенситная нержавеющая сталь (≤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
Ферритная и мартенситная нержавеющая сталь (>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

Обрабатываемый материал

DC

Vc

n

f

Vf

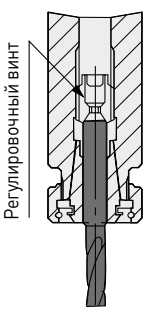
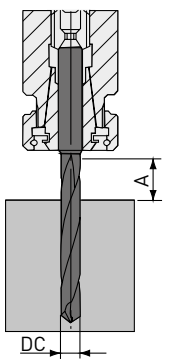
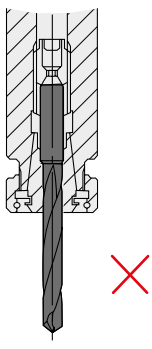
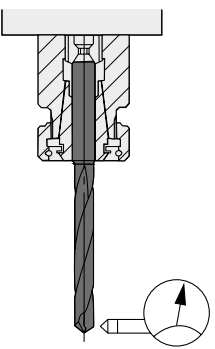
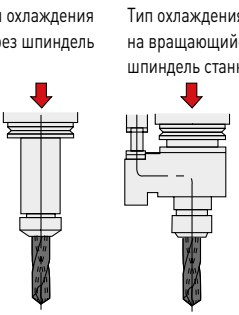
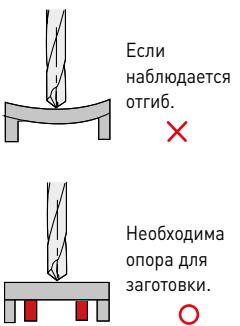
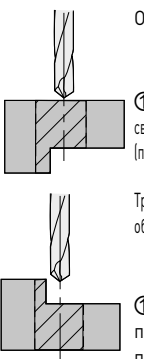
M

Закаленная нержавеющая сталь (<450HB)

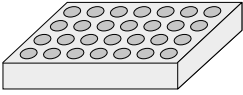
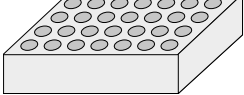
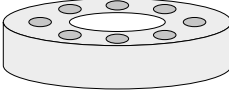
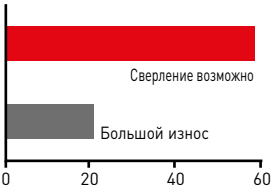
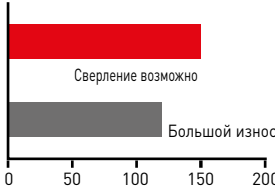
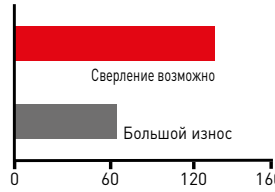
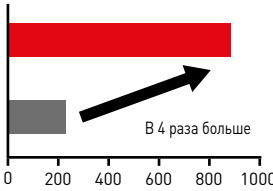
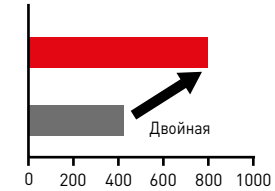
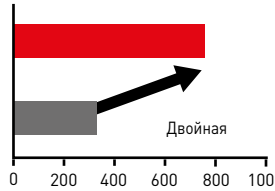
3.2	50	4900	0.1 (0.05–0.15)	490
4.0	50	3900	0.12 (0.08–0.18)	465
5.0	50	3100	0.12 (0.08–0.18)	370
6.3	50	2500	0.15 (0.1–0.2)	375
8.0	50	1900	0.17 (0.12–0.22)	320
10.0	40	1200	0.18 (0.13–0.23)	215
12.0	40	1000	0.19 (0.14–0.24)	190
16.0	40	700	0.2 (0.15–0.25)	140
20.0	40	600	0.21 (0.16–0.26)	125

1. Для стабильного сверления рекомендуется подавать СОЖ под высоким давлением.
2. В качестве охлаждающего средства рекомендуется эмульсия.
3. При использовании водонерастворимой СОЖ рекомендуется снизить частоту вращения на 10–20%.

## ИНСТРУКЦИЯ ПО ЭКСПЛУАТАЦИИ

Крепление сверла	Длина сверла	Установка сверла	Допуск на установку
 <p>Цанговый патрон с упорным подшипником надежно держит сверло.</p>	 <p><math>A &gt; DC \times 1.5</math></p>	 <p>Не прижимать по режущей кромке.</p>	 <p>Биение <math>\leq 0.03\text{mm}</math></p>
Тип охлаждения через сквозные отверстия	Рекомендации по использованию СОЖ	Тонкая заготовка	Прерывистое резание
 <p>Тип охлаждения через шпиндель      Тип охлаждения на вращающийся шпиндель станка</p> <p>Давление охлаждающей среды должно составлять ок. 5 Бар–70 Бар</p>	<p>1) Рекомендуется регулярно проводить замену СОЖ во избежание забивания каналов в сверле.</p> <p>2) Для предотвращения забивания мелкой стружкой отверстий сверла используйте фильтр, как профилактическую меру. Для сверл малого диаметра рекомендуется применять фильтр с более мелкими отверстиями.</p>	 <p>Если наблюдается отгиб. <span style="color:red">✗</span></p> <p>Необходима опора для заготовки. <span style="color:red">○</span></p>	 <p>Один процесс <span style="color:red">○</span></p> <p>① Уменьшить подачу при сверлении ступенчатой детали (при прерывистом сверлении).</p> <p>Требуется предварительная обработка. <span style="color:red">△</span></p> <p>① До сверления предварительно подрезать торец концевой фрезой.</p>

# ПРИМЕРЫ ПРИМЕНЕНИЯ

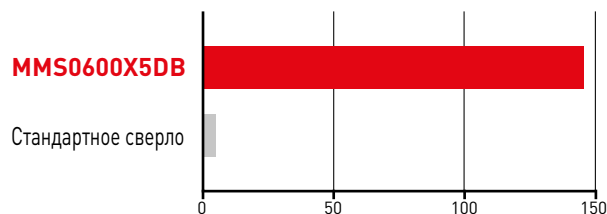
Сверло	<b>MMS0560X5DB</b>		<b>MMS0500X5DB</b>		<b>MMS0970X3DB</b>		
Обрабатываемая деталь	Аустенитная нержавеющая сталь JIS SUS304 (200HB) Глубина отверстий : 20 mm 		Нержавеющая сталь PH JIS SUS630 Глубина отверстий: 30 mm 		Аустенитная нержавеющая сталь JIS SUS304L (200HB) Глубина отверстий : 25.4 mm 		
Компонент	Медицинская деталь		Фильтры		Теплообменник		
Сверло	<b>MMS0560X5DB</b>	Стандартное	<b>MMS0500X5DB</b>	Стандартное	<b>MMS0970X3DB</b>	Стандартное	
Режимы резания	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 <sup>-1</sup> )	3979	2217	4074	4210	3249	2297
	fr (mm/min)	875	222	815	421	747	322
СОЖ	Эмульсия						
Станок	Обрабатывающий центр						
<b>СТОЙКОСТЬ ИНСТРУМЕНТА</b>							
Результат							
	<b>ПОДАЧА</b>						
							

# ХАРАКТЕРИСТИКИ РЕЗАНИЯ

Сверла MMS обеспечивают более длительный срок службы инструмента и идеально подходят для сверления нержавеющей стали.

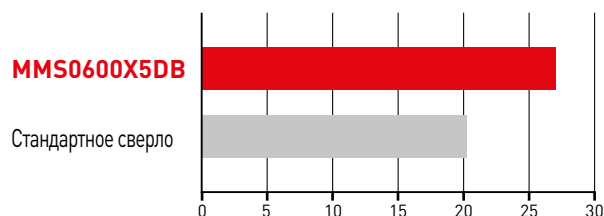
## АУСТЕНИТНАЯ НЕРЖАВЕЮЩАЯ СТАЛЬ

Диаметр сверления (мм)	Ø 6.0
Материал заготовки	JIS SUS316L
Глубина отверстия (мм)	30 (L/D=5)
Vc (m/min)	90
f (mm/rev)	0.2
fr (mm/min)	955 (Безостановочно)
СОЖ	W.S.O
Давление СОЖ	3 МПа
Станок	Обрабатывающий центр



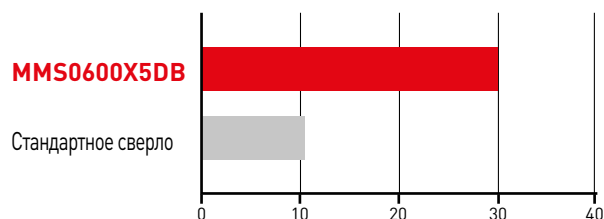
## МАРТЕНСИТНАЯ НЕРЖАВЕЮЩАЯ СТАЛЬ

Диаметр сверления (мм)	Ø6.0
Материал заготовки	JIS SUS420J2
Глубина отверстия (мм)	30 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.13
fr (mm/min)	345 (Безостановочно)
СОЖ	W.S.O
Давление СОЖ	3 МПа
Станок	Обрабатывающий центр



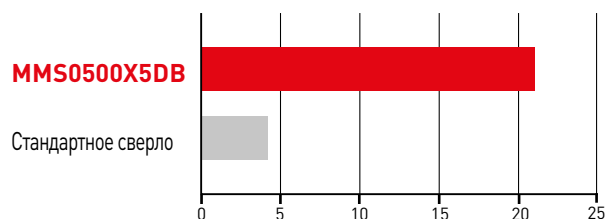
## ДУПЛЕКСНАЯ НЕРЖАВЕЮЩАЯ СТАЛЬ

Диаметр сверления (мм)	Ø6.0
Материал заготовки	JIS SUS329J1
Глубина отверстия (мм)	30 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.13
fr (mm/min)	345 (Безостановочно)
СОЖ	W.S.O
Давление СОЖ	3 МПа
Станок	Обрабатывающий центр



## НЕРЖАВЕЮЩАЯ СТАЛЬ PH

Диаметр сверления (мм)	Ø5.0
Материал заготовки	JIS SUS630
Глубина отверстия (мм)	25 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.08
fr (mm/min)	255 (Безостановочно)
СОЖ	W.S.O
Давление СОЖ	3 МПа
Станок	Обрабатывающий центр









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