

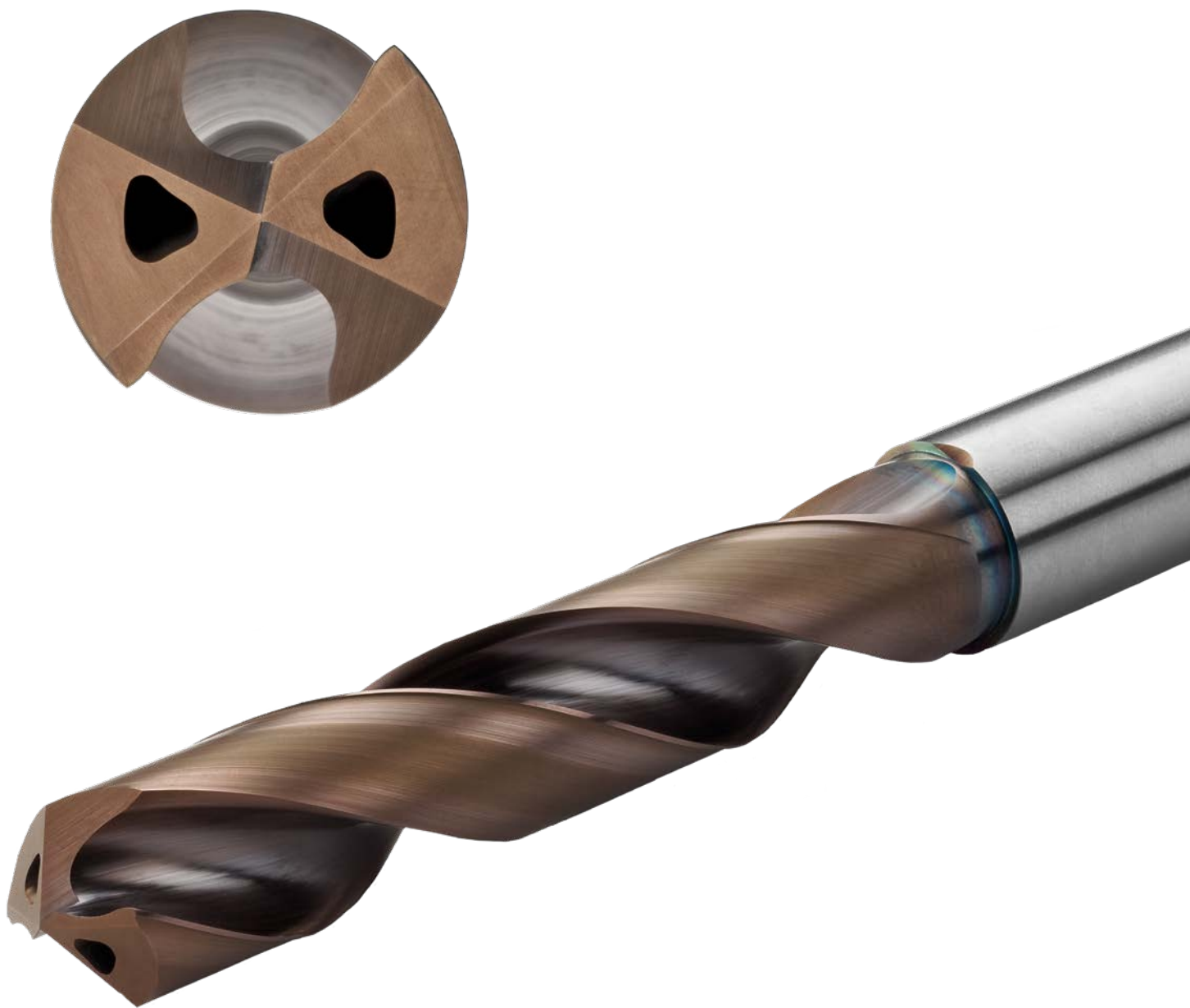
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# MMS

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## VOLLHARTMETALLBOHRER FÜR ROSTFREIE MATERIALEN

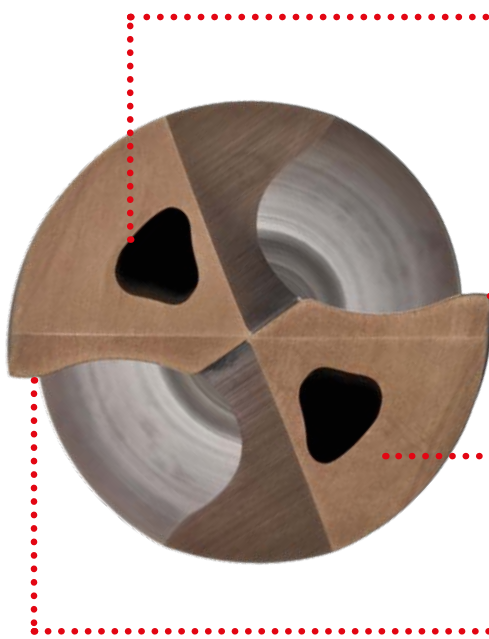
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# MMS

## VOLLHARTMETALLBOHRER FÜR ROSTFREIE MATERIALEN

EINZIGARTIGE KÜHLKANALBOHRUNGEN FÜR HOHE PRODUKTIVITÄT UND LANGER WERKZEUGSTANDZEIT



### EINZIGARTIGE KÜHLKANALBOHRUNGEN

Aufgrund der TRI Cooling Technologie ermöglicht die Kühlmittelbohrungsgeometrie ein hohes Kühlmittelvolumen.

### SPEZIELLE FÜHRUNGSFASE ZUR REDUZIERUNG DER SCHNITTKRÄFTE

Optimierte Führungsfasen zur Bearbeitung von rostfreien Stählen. Niedrige Schnittkräfte ermöglichen hohe Bohrleistungen.

### HARTMETALLSORTE DP7020

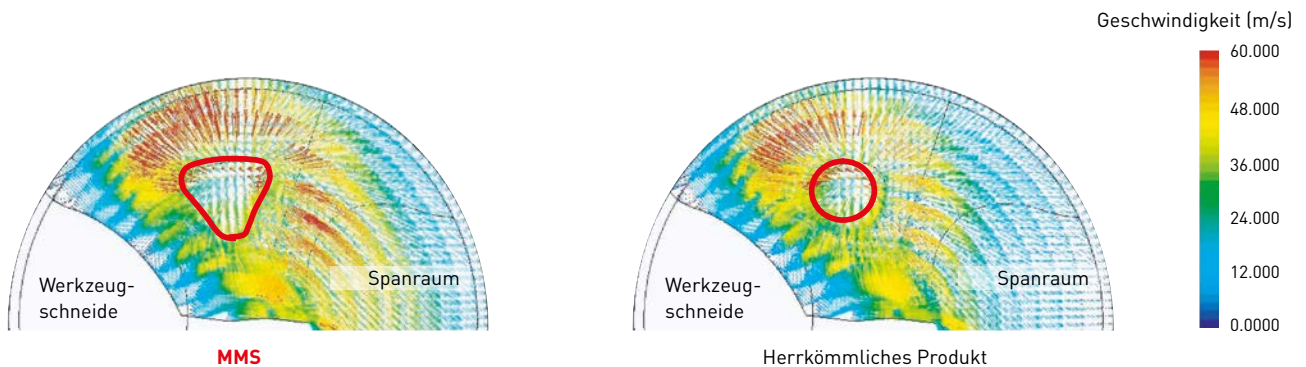
Hartmetallsubstrat für die Bearbeitung von rostfreien Stählen mit einer PVD Beschichtung und verbesserten Schmierfähigkeit.

### GESCHWUNGENE SCHNEIDKANTE FÜR ROSTFREIE STÄHLE

Die konkave Schneide erhöht die Schärfe, wobei der konvexe Schneidenbereich die Schneidenstabilität erhöht.

VERGlichen mit HERKÖMMLICHEN BOHRERN WURDE DAS KÜHLMITTELVOLUMEN VERDOPPELT.  
VERBESSERTE KÜHLUNG LÄNGERE WERKZEUGSTANDZEIT

SIMULATION DES KÜHLMITTELVOLUMENSTROMS ( DREHZAHL 4700 1/MIN )



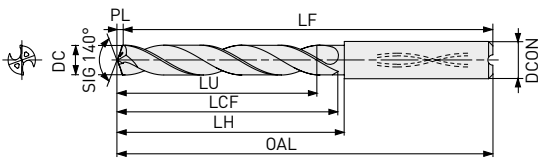
## VOLLHARTMETALLBOHRER FÜR ROSTFREIE MATERIALEN

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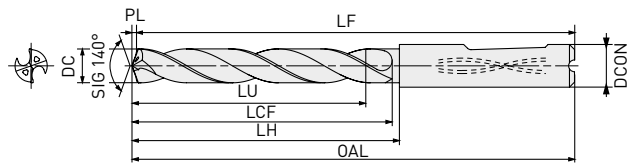
### 1 Zylind. Schaft

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



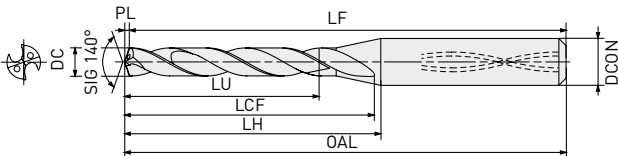
### 2 Schaft mit Whistle Notch

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



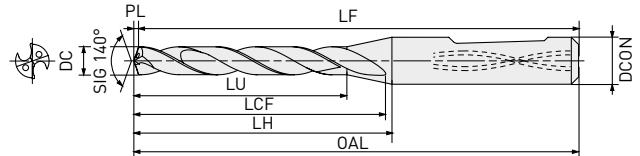
### 3 Zylind. Schaft mit konischem Hinterschliff

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



### 4 Schaft mit Whistle Notch und konischem Hinterschliff

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



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

- Für das hochpräzise und effiziente Bohren von rostfreien Stahlorten.
- Trigon-Bohrung beginnen ab einem Durchmesser von 4.60 mm.

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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		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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (mm)							Typ
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1210S-DIN	<input type="checkbox"/>	3	12.1	36.3	60.0	62.0	107.0	104.8	2.2	14	2
MMS1210S-DIN-C	<input type="checkbox"/>	3		36.3	60.0	62.0	107.0	104.8	2.2	14	1
MMS1210L-DIN	<input type="checkbox"/>	5		60.5	77.0	79.0	124.0	121.8	2.2	14	2
MMS1210L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	12.2	36.6	60.0	62.0	107.0	104.8	2.2	14	2
MMS1220S-DIN-C	<input type="checkbox"/>	3		36.6	60.0	62.0	107.0	104.8	2.2	14	1
MMS1220L-DIN	<input type="checkbox"/>	5		61.0	77.0	79.0	124.0	121.8	2.2	14	2
MMS1220L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	12.3	36.9	60.0	62.0	107.0	104.8	2.2	14	2
MMS1230S-DIN-C	<input type="checkbox"/>	3		36.9	60.0	62.0	107.0	104.8	2.2	14	1
MMS1230L-DIN	<input type="checkbox"/>	5		61.5	77.0	79.0	124.0	121.8	2.2	14	2
MMS1230L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	12.4	37.2	60.0	62.0	107.0	104.7	2.3	14	2
MMS1240S-DIN-C	<input type="checkbox"/>	3		37.2	60.0	62.0	107.0	104.7	2.3	14	1
MMS1240L-DIN	<input type="checkbox"/>	5		62.0	77.0	79.0	124.0	121.7	2.3	14	2
MMS1240L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	3	12.8	38.4	60.0	62.0	107.0	104.7	2.3	14	2
MMS1280S-DIN-C	<input type="checkbox"/>	3		38.4	60.0	62.0	107.0	104.7	2.3	14	1
MMS1280L-DIN	<input type="checkbox"/>	5		64.0	77.0	79.0	124.0	121.7	2.3	14	2
MMS1280L-DIN-C	<input type="checkbox"/>	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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (mm)						Typ	
				LU	LCF	LH	OAL	LF	PL		DCON
MMS1290S-DIN	<input type="checkbox"/>	3	12.9	38.7	60.0	62.0	107.0	104.7	2.3	14	2
MMS1290S-DIN-C	<input type="checkbox"/>	3		38.7	60.0	62.0	107.0	104.7	2.3	14	1
MMS1290L-DIN	<input type="checkbox"/>	5		64.5	77.0	79.0	124.0	121.7	2.3	14	2
MMS1290L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	3	13.1	39.3	60.0	62.0	107.0	104.6	2.4	14	2
MMS1310S-DIN-C	<input type="checkbox"/>	3		39.3	60.0	62.0	107.0	104.6	2.4	14	1
MMS1310L-DIN	<input type="checkbox"/>	5		65.5	77.0	79.0	124.0	121.6	2.4	14	2
MMS1310L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	13.2	39.6	60.0	62.0	107.0	104.6	2.4	14	2
MMS1320S-DIN-C	<input type="checkbox"/>	3		39.6	60.0	62.0	107.0	104.6	2.4	14	1
MMS1320L-DIN	<input type="checkbox"/>	5		66.0	77.0	79.0	124.0	121.6	2.4	14	2
MMS1320L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	13.3	39.9	60.0	62.0	107.0	104.6	2.4	14	2
MMS1330S-DIN-C	<input type="checkbox"/>	3		39.9	60.0	62.0	107.0	104.6	2.4	14	1
MMS1330L-DIN	<input type="checkbox"/>	5		66.5	77.0	79.0	124.0	121.6	2.4	14	2
MMS1330L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	13.4	40.2	60.0	62.0	107.0	104.6	2.4	14	2
MMS1340S-DIN-C	<input type="checkbox"/>	3		40.2	60.0	62.0	107.0	104.6	2.4	14	1
MMS1340L-DIN	<input type="checkbox"/>	5		67.0	77.0	79.0	124.0	121.6	2.4	14	2
MMS1340L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	3	13.6	40.8	60.0	62.0	107.0	104.5	2.5	14	2
MMS1360S-DIN-C	<input type="checkbox"/>	3		40.8	60.0	62.0	107.0	104.5	2.5	14	1
MMS1360L-DIN	<input type="checkbox"/>	5		68.0	77.0	79.0	124.0	121.5	2.5	14	2
MMS1360L-DIN-C	<input type="checkbox"/>	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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (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

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (mm)							Typ
				LU	LCF	LH	OAL	LF	PL	DCON	
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

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

# MMS

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

# MMS

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

# MMS

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

# MMS

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (mm)							Typ
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1900S-DIN-C	<input type="checkbox"/>	3	19.0	57.0	79.0	81.0	131.0	127.5	3.5	20	1
MMS1900L-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	3	19.1	57.3	79.0	81.0	131.0	127.5	3.5	20	2
MMS1910S-DIN-C	<input type="checkbox"/>	3		57.3	79.0	81.0	131.0	127.5	3.5	20	1
MMS1910L-DIN	<input type="checkbox"/>	5		95.5	101.0	103.0	153.0	149.5	3.5	20	2
MMS1910L-DIN-C	<input type="checkbox"/>	5		95.5	101.0	103.0	153.0	149.5	3.5	20	1
MMS1910X3DB	<input type="checkbox"/>	3		57.3	101.0	103.0	164.5	161.0	3.5	20	1
MMS1910X5DB	<input type="checkbox"/>	5		95.5	140.0	143.0	204.5	201.0	3.5	20	1
MMS1920S-DIN	<input type="checkbox"/>	3	19.2	57.6	79.0	81.0	131.0	127.5	3.5	20	2
MMS1920S-DIN-C	<input type="checkbox"/>	3		57.6	79.0	81.0	131.0	127.5	3.5	20	1
MMS1920L-DIN	<input type="checkbox"/>	5		96.0	101.0	103.0	153.0	149.5	3.5	20	2
MMS1920L-DIN-C	<input type="checkbox"/>	5		96.0	101.0	103.0	153.0	149.5	3.5	20	1
MMS1920X3DB	<input type="checkbox"/>	3		57.6	101.0	103.0	164.5	161.0	3.5	20	1
MMS1920X5DB	<input type="checkbox"/>	5		96.0	140.0	143.0	204.5	201.0	3.5	20	1
MMS1930S-DIN	<input type="checkbox"/>	3	19.3	57.9	79.0	81.0	131.0	127.5	3.5	20	2
MMS1930S-DIN-C	<input type="checkbox"/>	3		57.9	79.0	81.0	131.0	127.5	3.5	20	1
MMS1930L-DIN	<input type="checkbox"/>	5		96.5	101.0	103.0	153.0	149.5	3.5	20	2
MMS1930L-DIN-C	<input type="checkbox"/>	5		96.5	101.0	103.0	153.0	149.5	3.5	20	1
MMS1930X3DB	<input type="checkbox"/>	3		57.9	101.0	103.0	164.5	161.0	3.5	20	1
MMS1930X5DB	<input type="checkbox"/>	5		96.5	140.0	143.0	204.5	201.0	3.5	20	1
MMS1940S-DIN	<input type="checkbox"/>	3	19.4	58.2	79.0	81.0	131.0	127.5	3.5	20	2
MMS1940S-DIN-C	<input type="checkbox"/>	3		58.2	79.0	81.0	131.0	127.5	3.5	20	1
MMS1940L-DIN	<input type="checkbox"/>	5		97.0	101.0	103.0	153.0	149.5	3.5	20	2
MMS1940L-DIN-C	<input type="checkbox"/>	5		97.0	101.0	103.0	153.0	149.5	3.5	20	1
MMS1940X3DB	<input type="checkbox"/>	3		58.2	101.0	103.0	164.5	161.0	3.5	20	1
MMS1940X5DB	<input type="checkbox"/>	5		97.0	140.0	143.0	204.5	201.0	3.5	20	1
MMS1950S-DIN-C	<input type="checkbox"/>	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	<input type="checkbox"/>	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	<input type="checkbox"/>	3		19.6	58.8	79.0	81.0	131.0	127.4	3.6	20
MMS1960S-DIN-C	<input type="checkbox"/>	3	58.8		79.0	81.0	131.0	127.4	3.6	20	1
MMS1960L-DIN	<input type="checkbox"/>	5	98.0		101.0	103.0	153.0	149.4	3.6	20	2
MMS1960L-DIN-C	<input type="checkbox"/>	5	98.0		101.0	103.0	153.0	149.4	3.6	20	1
MMS1960X3DB	<input type="checkbox"/>	3	58.8		104.0	104.0	164.6	161.0	3.6	20	1
MMS1960X5DB	<input type="checkbox"/>	5	98.0		144.0	144.0	204.6	201.0	3.6	20	1
MMS1970S-DIN	<input type="checkbox"/>	3	19.7	59.1	79.0	81.0	131.0	127.4	3.6	20	2
MMS1970S-DIN-C	<input type="checkbox"/>	3		59.1	79.0	81.0	131.0	127.4	3.6	20	1
MMS1970L-DIN	<input type="checkbox"/>	5		98.5	101.0	103.0	153.0	149.4	3.6	20	2
MMS1970L-DIN-C	<input type="checkbox"/>	5		98.5	101.0	103.0	153.0	149.4	3.6	20	1
MMS1970X3DB	<input type="checkbox"/>	3		59.1	104.0	104.0	164.6	161.0	3.6	20	1
MMS1970X5DB	<input type="checkbox"/>	5		98.5	144.0	144.0	204.6	201.0	3.6	20	1
MMS1980S-DIN	<input type="checkbox"/>	3	19.8	59.4	79.0	81.0	131.0	127.4	3.6	20	2
MMS1980S-DIN-C	<input type="checkbox"/>	3		59.4	79.0	81.0	131.0	127.4	3.6	20	1
MMS1980L-DIN	<input type="checkbox"/>	5		99.0	101.0	103.0	153.0	149.4	3.6	20	2
MMS1980L-DIN-C	<input type="checkbox"/>	5		99.0	101.0	103.0	153.0	149.4	3.6	20	1
MMS1980X3DB	<input type="checkbox"/>	3		59.4	104.0	104.0	164.6	161.0	3.6	20	1
MMS1980X5DB	<input type="checkbox"/>	5		99.0	144.0	144.0	204.6	201.0	3.6	20	1

# MMS

Bestellnummer	DP7020	Bohrtiefe	DC	Abmessungen (mm)							Typ
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1990S-DIN	<input type="checkbox"/>	3	19.9	59.7	79.0	81.0	131.0	127.4	3.6	20	2
MMS1990S-DIN-C	<input type="checkbox"/>	3		59.7	79.0	81.0	131.0	127.4	3.6	20	1
MMS1990L-DIN	<input type="checkbox"/>	5		99.5	101.0	103.0	153.0	149.4	3.6	20	2
MMS1990L-DIN-C	<input type="checkbox"/>	5		99.5	101.0	103.0	153.0	149.4	3.6	20	1
MMS1990X3DB	<input type="checkbox"/>	3		59.7	104.0	104.0	164.6	161.0	3.6	20	1
MMS1990X5DB	<input type="checkbox"/>	5		99.5	144.0	144.0	204.6	201.0	3.6	20	1
MMS2000S-DIN-C	<input type="checkbox"/>	3	20.0	60.0	79.0	81.0	131.0	127.4	3.6	20	1
MMS2000L-DIN-C	<input type="checkbox"/>	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

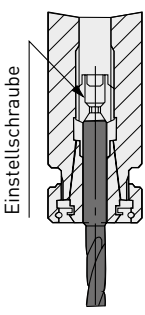
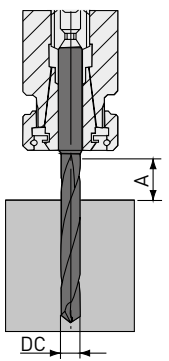
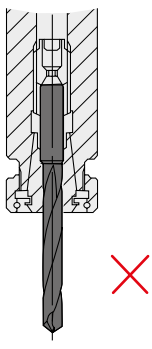
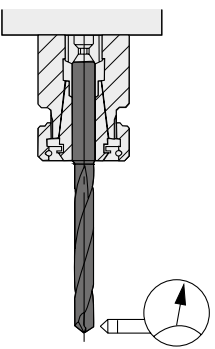
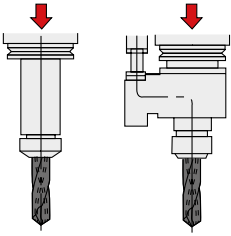
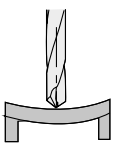
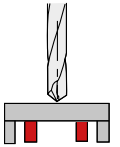
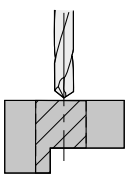
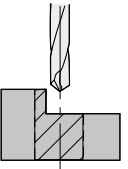
## SCHNITTDATENEMPFEHLUNGEN

Material	DC	Vc	n	f	Vf
Rostfreier Stahl (austenitisch) (≤200HB)	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
Rostfreier Stahl (austenitisch) (>200HB)	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
Duplex, rostfreier Stahl (≤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
Rostfreie Stähle, austenitisch und martensitisch (≤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
Rostfreie Stähle, austenitisch und martensitisch (>200HB)	10.0	60	1900	0.2 [0.15-0.25]	380
	12.0	60	1500	0.21 [0.16-0.26]	315
	16.0	60	1100	0.22 [0.17-0.27]	240
	20.0	60	900	0.23 [0.18-0.28]	205
	3.2	60	5900	0.1 [0.05-0.15]	590
	4.0	60	4700	0.12 [0.08-0.18]	560
	5.0	60	3800	0.12 [0.08-0.18]	455
	6.3	60	3000	0.15 [0.1-0.2]	450
	8.0	60	2300	0.17 [0.12-0.22]	390
	10.0	50	1500	0.18 [0.13-0.23]	270
	12.0	50	1300	0.19 [0.14-0.24]	245
	16.0	50	900	0.2 [0.15-0.25]	180
	20.0	50	700	0.21 [0.16-0.26]	145

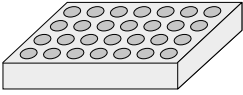
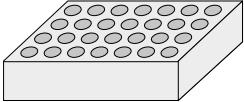
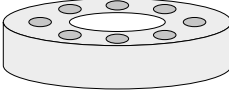
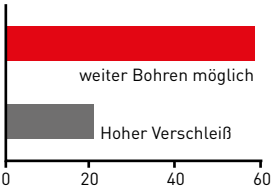
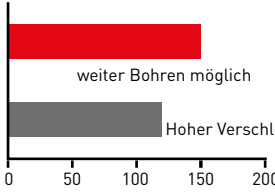
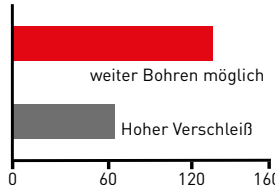
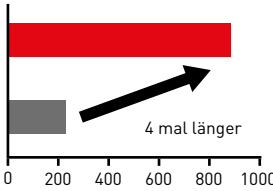
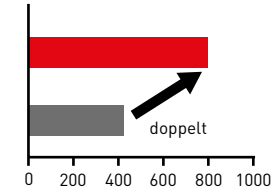
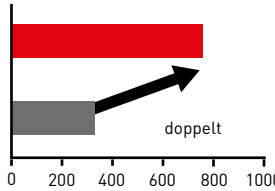
Material	DC	Vc	n	f	Vf
M Ausgehärtete rostfreie PH-Stähle (<450HB)	3.2	50	4900	0.1 (0.05-0.15)	490
	4.0	50	3900	0.12 (0.08-0.18)	465
	5.0	50	3100	0.12 (0.08-0.18)	370
	6.3	50	2500	0.15 (0.1-0.2)	375
	8.0	50	1900	0.17 (0.12-0.22)	320
	10.0	40	1200	0.18 (0.13-0.23)	215
	12.0	40	1000	0.19 (0.14-0.24)	190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

1. Für stabiles Bohren empfehlen wir die Zugabe von Kühlmittel unter hohem Druck.
2. Als Kühlmittel empfehlen wir Emulsion.
3. Bei Einsatz von nicht wasserlöslichen Kühlmittel empfehlen wir die Drehzahl um 10-20% zu reduzieren.

## EINSATZ HINWEIS

Bohrer Aufnahme	Max. Bohrtiefe	Bohrer Einstellung	Rundlauf toleranz
 <p>Präzisionsspannzangen können verwendet werden.</p>	 <p><math>A &gt; DC \times 1.5</math></p>	 <p>Nicht auf den Nuten spannen.</p>	 <p>Rundlaufabweichung <math>\leq 0.03\text{mm}</math></p>
 <p>Kühlmittelzufuhr durch die Spindel</p> <p>Kühlmittelzufuhr durch spezielle Aufnahme</p> <p>Der Kühlmitteldruck beträgt ca. 5 bar - 70bar.</p>	<p>1) Schmutz und Staubpartikel in altem Kühlmittel können die Kühlkanäle verstopfen und den Kühlmittelfluss behindern. Es wird empfohlen, dass Kühlmittel regelmäßig zu wechseln.</p> <p>2) Feine Metallspäne können die Kühlmittelbohrungen verstopfen. Zur Vorbeugung einen Filter verwenden. Bei Bohrern mit kleinem Durchmesser einen feinen Filter verwenden.</p>	 <p>Wenn Werkstück verbiegen...</p>  <p>...unterstützen Sie diese.</p>	 <p>Ohne Vorbearbeitung</p> <p>⓪ Reduzieren Sie den Vorschub an der unterbrochenen Stelle</p>  <p>Benötigt Vorbearbeitung</p> <p>⓪ Planen Sie die Fläche mit einem Fräser vorab.</p>

# ANWENDUNGSBEISPIELE

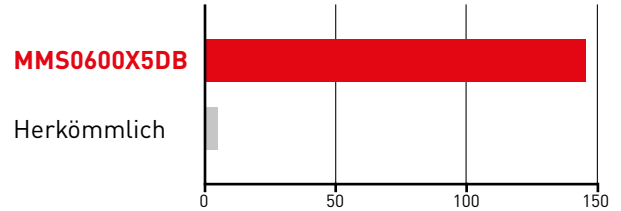
Bohrer	<b>MMS0560X5DB</b>		<b>MMS0500X5DB</b>		<b>MMS0970X3DB</b>		
Werkstück	Austenitisch rostfreier Stahl JIS SUS304 (200HB) Bohrtiefe: 20 mm 		PH rostfreier Stahl JIS SUS630 Bohrtiefe: 30 mm 		Austenitisch rostfreier Stahl JIS SUS304L (200HB) Bohrtiefe: 25.4 mm 		
Bauteil	Medizinische Teile		Düse		Wärmetauscherteile		
Bohrer	<b>MMS0560X5DB</b>	Herkömmlich	<b>MMS0500X5DB</b>	Herkömmlich	<b>MMS0970X3DB</b>	Herkömmlich	
Schnittdaten	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
Kühlung	Emulsion						
Maschine	Bearbeitungszentrum						
Ergebnisse	<b>WERKZEUGSTANDZEIT</b>						
							
Ergebnisse	<b>FEED RATE</b>						
							

# LEISTUNGSVERGLEICH

Der MMS Bohrer bietet lange Werkzeug Standzeiten und kann in verschiedenen rostfreien Stählen eingesetzt werden.

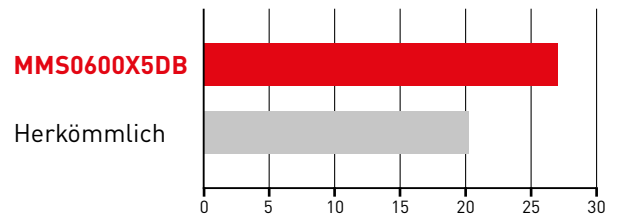
## AUSTENITISCH ROSTFREIER STAHL

Bohrer (mm)	Ø 6.0
Bauteil	JIS SUS316L
Bohrtiefe (mm)	30 (L/D=5)
Vc (m/min)	90
f (mm/U)	0.2
fr (mm/min)	955 (Non stop)
Kühlung	W.S.O
Kühlmitteldruck	3 MPa
Maschine	Bearbeitungszentrum



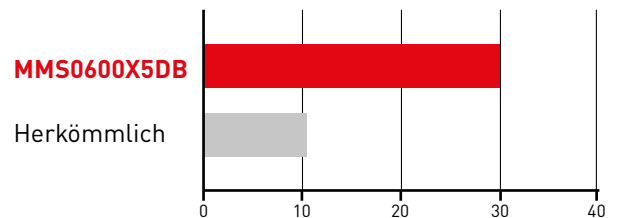
## MARTENSITISCH ROSTFREIER STAHL

Bohrer (mm)	Ø6.0
Bauteil	JIS SUS420J2
Bohrtiefe (mm)	30 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.13
fr (mm/min)	345 (Non stop)
Kühlung	W.S.O
Kühlmitteldruck	3 MPa
Maschine	Bearbeitungszentrum



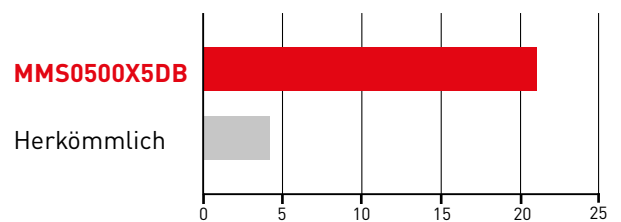
## DUPLEXSTAHL

Bohrer (mm)	Ø6.0
Bauteil	JIS SUS329J1
Bohrtiefe (mm)	30 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.13
fr (mm/min)	345 (Non stop)
Kühlung	W.S.O
Kühlmitteldruck	3 MPa
Maschine	Bearbeitungszentrum



## PH ROSTFREIER STAHL

Bohrer (mm)	Ø5.0
Bauteil	JIS SUS630
Bohrtiefe (mm)	25 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.08
fr (mm/min)	255 (Non stop)
Kühlung	W.S.O
Kühlmitteldruck	3 MPa
Maschine	Bearbeitungszentrum









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VERTRIEB DURCH:

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