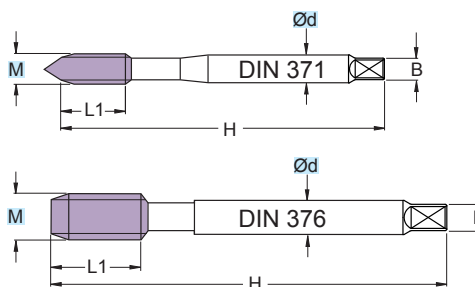
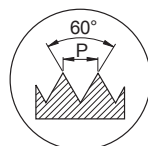


MSA1071VP M..
MSA1076VP M..

M 2 - 52



RIVESTIM. COATED VP	HSSE
	4-5 FILL
	TOLL ISO2 6H

DIN 371 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSA1071VP M2	2	0,4	2,8	9	45	2,1	1,6
MSA1071VP M3	3	0,5	3,5	10	56	2,7	2,5
MSA1071VP M4	4	0,7	4,5	13	63	3,4	3,3
MSA1071VP M5	5	0,8	6	13	70	4,9	4,2
MSA1071VP M6	6	1	6	16	80	4,9	5
MSA1071VP M8	8	1,25	8	18	90	6,2	6,8
MSA1071VP M10	10	1,5	10	20	100	8	8,5

DIN 376 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSA1076VP M12	12	1,75	9	25	110	7	10,3
MSA1076VP M14	14	2	11	28	110	9	12
MSA1076VP M16	16	2	12	28	110	9	14
MSA1076VP M18	18	2,5	14	33	125	11	15,5
MSA1076VP M20	20	2,5	16	33	140	12	17,5
MSA1076VP M22	22	2,5	18	33	140	14,5	19,5
MSA1076VP M24	24	3	18	39	160	14,5	21
MSA1076VP M27	27	3	20	39	160	16	24
MSA1076VP M30	30	3,5	22	46	180	18	26,5
MSA1076VP M33	33	3,5	25	46	180	20	29,5
MSA1076VP M36	36	4	28	50	200	22	32
MSA1076VP M39	39	4	32	50	200	24	35
MSA1076VP M42	42	4,5	32	55	200	24	37,5
MSA1076VP M45	45	4,5	36	60	220	29	40,5
MSA1076VP M48	48	5	36	65	250	29	43
MSA1076VP M52	52	5	40	65	250	32	47

PARAMETRI - PARAMETERS

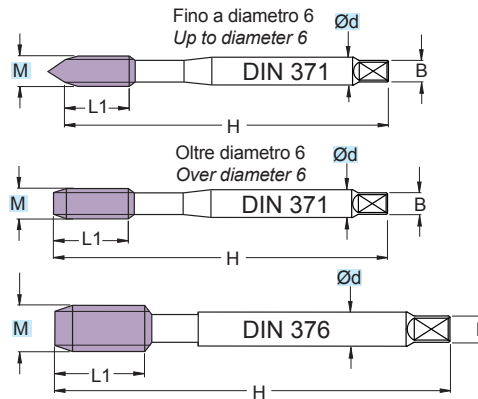
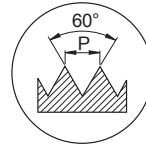
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	10-15
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○	10-20
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSA4071VP M..
MSA4076VP M..

M 2 - 52



RIVESTIM. COATED VP	HSSE
	2-3 FILL
	TOLL ISO2 6H

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSA4071VP M2	2	0,4	2,8	9	45	2,1	1,6	
MSA4071VP M3	3	0,5	3,5	5	56	2,7	2,5	
MSA4071VP M4	4	0,7	4,5	7	63	3,4	3,3	
MSA4071VP M5	5	0,8	6	8	70	4,9	4,2	
MSA4071VP M6	6	1	6	10	80	4,9	5	
MSA4071VP M8	8	1,25	8	13	90	6,2	6,8	
MSA4071VP M10	10	1,5	10	15	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSA4076VP M12	12	1,75	9	18	110	7	10,3	
MSA4076VP M14	14	2	11	20	110	9	12	
MSA4076VP M16	16	2	12	20	110	9	14	
MSA4076VP M18	18	2,5	14	25	125	11	15,5	
MSA4076VP M20	20	2,5	16	25	140	12	17,5	
MSA4076VP M22	22	2,5	18	25	140	14,5	19,5	
MSA4076VP M24	24	3	18	30	160	14,5	21	
MSA4076VP M27	27	3	20	30	160	16	24	
MSA4076VP M30	30	3,5	22	35	180	18	26,5	
MSA4076VP M33	33	3,5	25	35	180	20	29,5	
MSA4076VP M36	36	4	28	40	200	22	32	
MSA4076VP M39	39	4	32	40	200	24	35	
MSA4076VP M42	42	4,5	32	40	200	24	37,5	
MSA4076VP M45	45	4,5	36	50	220	29	40,5	
MSA4076VP M48	48	5	36	50	250	29	43	
MSA4076VP M52	52	5	40	50	250	32	47	

PARAMETRI - PARAMETERS

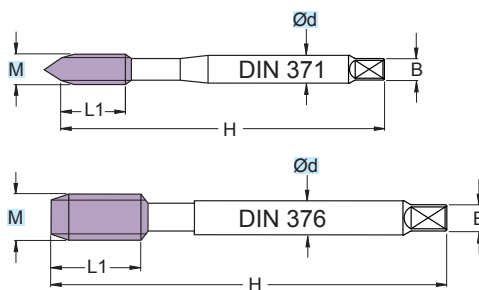
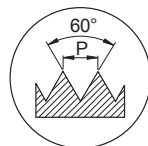
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	10-15
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○	10-20
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSA1071TN M..
MSA1076TN M..

M 2 - 30



RIVESTIM. COATED TIN	HSSE
	4-5 FILL
	TOLL ISO2 6H

DIN 371 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSA1071TN M2	2	0,4	2,8	9	45	2,1	1,6
MSA1071TN M3	3	0,5	3,5	10	56	2,7	2,5
MSA1071TN M4	4	0,7	4,5	13	63	3,4	3,3
MSA1071TN M5	5	0,8	6	13	70	4,9	4,2
MSA1071TN M6	6	1	6	16	80	4,9	5
MSA1071TN M8	8	1,25	8	18	90	6,2	6,8
MSA1071TN M10	10	1,5	10	20	100	8	8,5

DIN 376 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSA1076TN M12	12	1,75	9	25	110	7	10,3
MSA1076TN M14	14	2	11	28	110	9	12
MSA1076TN M16	16	2	12	28	110	9	14
MSA1076TN M18	18	2,5	14	33	125	11	15,5
MSA1076TN M20	20	2,5	16	33	140	12	17,5
MSA1076TN M22	22	2,5	18	33	140	14,5	19,5
MSA1076TN M24	24	3	18	39	160	14,5	21
MSA1076TN M27	27	3	20	39	160	16	24
MSA1076TN M30	30	3,5	22	46	180	18	26,5

PARAMETRI - PARAMETERS

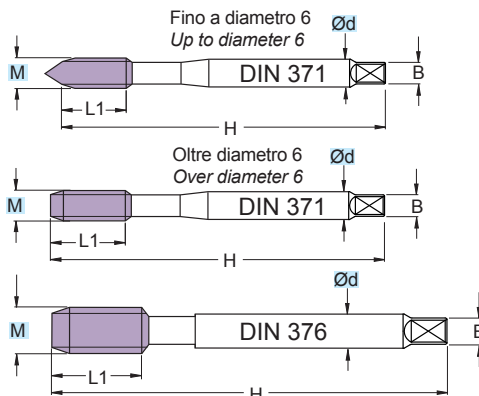
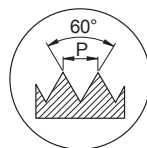
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	20-30
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSA4071TN M..
MSA4076TN M..

M 2 - 30



RIVESTIM. COATED TIN	HSSE
	2-3 FILL
	TOLL ISO2 6H

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSA4071TN M2	2	0,4	2,8	9	45	2,1	1,6	
MSA4071TN M3	3	0,5	3,5	5	56	2,7	2,5	
MSA4071TN M4	4	0,7	4,5	7	63	3,4	3,3	
MSA4071TN M5	5	0,8	6	8	70	4,9	4,2	
MSA4071TN M6	6	1	6	10	80	4,9	5	
MSA4071TN M8	8	1,25	8	13	90	6,2	6,8	
MSA4071TN M10	10	1,5	10	15	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSA4076TN M12	12	1,75	9	18	110	7	10,3	
MSA4076TN M14	14	2	11	20	110	9	12	
MSA4076TN M16	16	2	12	20	110	9	14	
MSA4076TN M18	18	2,5	14	25	125	11	15,5	
MSA4076TN M20	20	2,5	16	25	140	12	17,5	
MSA4076TN M22	22	2,5	18	25	140	14,5	19,5	
MSA4076TN M24	24	3	18	30	160	14,5	21	
MSA4076TN M27	27	3	20	30	160	16	24	
MSA4076TN M30	30	3,5	22	35	180	18	26,5	

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	20-30
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		

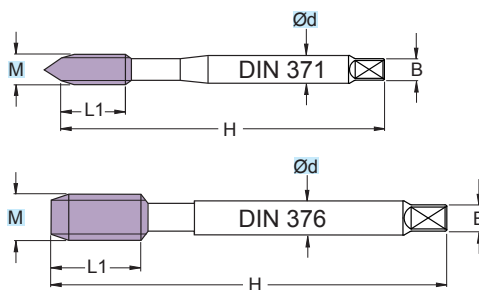
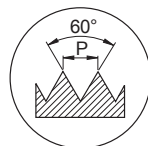


Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSU020071STN M..
MSU020076STN M..

M 3 - 24

NEW



RIVESTIM. COATED TT	PM3
	4-5 FILL
	TOLL 6HX

DIN 371 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSU020071STN M3	3	0,5	3,5	10	56	2,7	2,5
MSU020071STN M4	4	0,7	4,5	13	63	3,4	3,3
MSU020071STN M5	5	0,8	6	13	70	4,9	4,2
MSU020071STN M6	6	1	6	16	80	4,9	5
MSU020071STN M8	8	1,25	8	18	90	6,2	6,8
MSU020071STN M10	10	1,5	10	20	100	8	8,5

DIN 376 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSU020076STN M12	12	1,75	9	25	110	7	10,3
MSU020076STN M14	14	2	11	28	110	9	12
MSU020076STN M16	16	2	12	28	110	9	14
MSU020076STN M18	18	2,5	14	33	125	11	15,5
MSU020076STN M20	20	2,5	16	33	140	12	17,5
MSU020076STN M22	22	2,5	18	33	140	14,5	19,5
MSU020076STN M24	24	3	18	39	160	14,5	21

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	15-30
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	●	5-12
M	ACCIAIO INOX - STAINLESS STEEL	●	6-15
K	GHISA - CAST IRON	●	10-20
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	●	20-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		

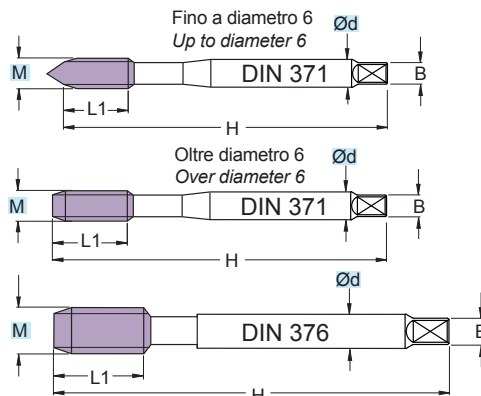
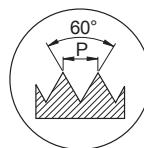


Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSU150071STN M..
MSU150076STN M..

M 3 - 30

NEW



RIVESTIM. COATED TT	PM3
	2-3 FILL
	TOLL 6HX

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSU150071STN M3	3	0,5	3,5	5	56	2,7	2,5	
MSU150071STN M4	4	0,7	4,5	7	63	3,4	3,3	
MSU150071STN M5	5	0,8	6	8	70	4,9	4,2	
MSU150071STN M6	6	1	6	10	80	4,9	5	
MSU150071STN M8	8	1,25	8	13	90	6,2	6,8	
MSU150071STN M10	10	1,5	10	15	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSU150076STN M12	12	1,75	9	18	110	7	10,3	
MSU150076STN M14	14	2	11	20	110	9	12	
MSU150076STN M16	16	2	12	20	110	9	14	
MSU150076STN M18	18	2,5	14	25	125	11	15,5	
MSU150076STN M20	20	2,5	16	25	140	12	17,5	
MSU150076STN M22	22	2,5	18	25	140	14,5	19,5	
MSU150076STN M24	24	3	18	30	160	14,5	21	
MSU150076STN M27	27	3	20	30	160	16	24	
MSU150076STN M30	30	3,5	22	35	180	18	26,5	

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	15-30
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	●	5-12
M	ACCIAIO INOX - STAINLESS STEEL	●	6-15
K	GHISA - CAST IRON	●	10-20
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	●	20-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		

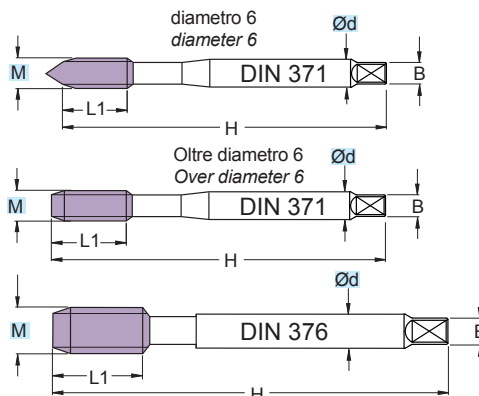
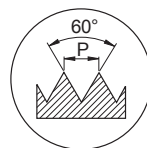


Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSU150071STNW M..
MSU150076STNW M..

M 6 - 30

NEW



RIVESTIM. COATED TT	PM3
 2-3 FILL	
 TOLL 6HX	

DIN 371 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSU150071STNW M6	6	1	6	10	80	4,9	5
MSU150071STNW M8	8	1,25	8	13	90	6,2	6,8
MSU150071STNW M10	10	1,5	10	15	100	8	8,5

DIN 376 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSU150076STNW M12	12	1,75	9	18	110	7	10,3
MSU150076STNW M14	14	2	11	20	110	9	12
MSU150076STNW M16	16	2	12	20	110	9	14
MSU150076STNW M18	18	2,5	14	25	125	11	15,5
MSU150076STNW M20	20	2,5	16	25	140	12	17,5
MSU150076STNW M22	22	2,5	18	25	140	14,5	19,5
MSU150076STNW M24	24	3	18	30	160	14,5	21
MSU150076STNW M27	27	3	20	30	160	16	24
MSU150076STNW M30	30	3,5	22	35	180	18	26,5

PARAMETRI - PARAMETERS

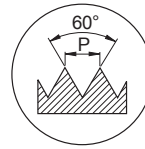
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	15-30
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	●	5-12
M	ACCIAIO INOX - STAINLESS STEEL	●	6-15
K	GHISA - CAST IRON	●	10-20
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	●	20-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



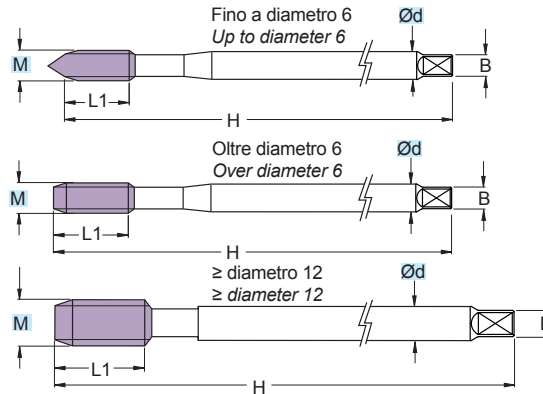
Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSA20XLTC M..

M 4 - 16



RIVESTIM. COATED TICN	HSSE
	4-5 FILL
	TOLL ISO2 6H



ART.	(mm)							Preforo Prebore
	M	P	Ød	L1	H	B		
MSA20XLTC M4	4	0,7	4,5	12	125	3,4	3,3	
MSA20XLTC M5	5	0,8	6	14	140	4,9	4,2	
MSA20XLTC M6	6	1	6	18	160	4,9	5	
MSA20XLTC M8	8	1,25	8	20	180	6,2	6,8	
MSA20XLTC M10	10	1,5	10	20	180	8	8,5	

ART.	(mm)							Preforo Prebore
	M	P	Ød	L1	H	B		
MSA20XLTC M12	12	1,75	9	24	225	7	10,3	
MSA20XLTC M14	14	2	11	26	225	9	12	
MSA20XLTC M16	16	2	12	32	225	9	14	

PARAMETRI - PARAMETERS

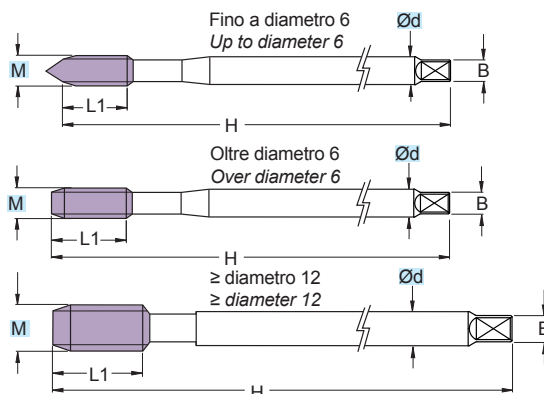
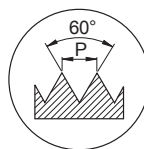
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	20-30
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON	○	15-20
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○	25-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSA40XLTC M..

M 4 - 16



RIVESTIM. COATED TICN	HSSE
	2-3 FILL
	TOLL ISO2 6H

ART.	(mm)						
	M	P	Ød	L1	H	B	Preforo Prebore
MSA40XLTC M4	4	0,7	4,5	7	125	3,4	3,3
MSA40XLTC M5	5	0,8	6	8	140	4,9	4,2
MSA40XLTC M6	6	1	6	10	160	4,9	5
MSA40XLTC M8	8	1,25	8	13	180	6,2	6,8
MSA40XLTC M10	10	1,5	10	16	180	8	8,5

ART.	(mm)						
	M	P	Ød	L1	H	B	Preforo Prebore
MSA40XLTC M12	12	1,75	9	23	225	7	10,3
MSA40XLTC M14	14	2	11	23	225	9	12
MSA40XLTC M16	16	2	12	23	225	9	14

PARAMETRI - PARAMETERS

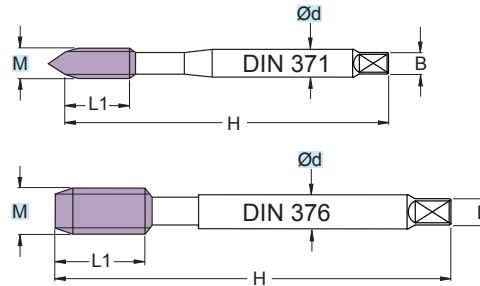
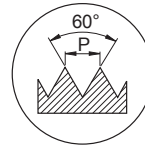
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	20-30
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON	○	15-20
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○	25-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSR2071TL M..
MSR2076TL M..

M 3 - 24



RIVESTIM. COATED TIALN+C	PM3
	4-5 FILL
	TOLL 6HX

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSR2071TL M3	3	0,5	3,5	10	56	2,7	2,5	
MSR2071TL M4	4	0,7	4,5	13	63	3,4	3,3	
MSR2071TL M5	5	0,8	6	13	70	4,9	4,2	
MSR2071TL M6	6	1	6	16	80	4,9	5	
MSR2071TL M8	8	1,25	8	18	90	6,2	6,8	
MSR2071TL M10	10	1,5	10	20	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSR2076TL M12	12	1,75	9	25	110	7	10,3	
MSR2076TL M14	14	2	11	28	110	9	12	
MSR2076TL M16	16	2	12	28	110	9	14	

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS		Pag. H 73	Vc m/min
P	ACCIAIO - STEEL		
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	●	5-12
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON	○	15-20
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		

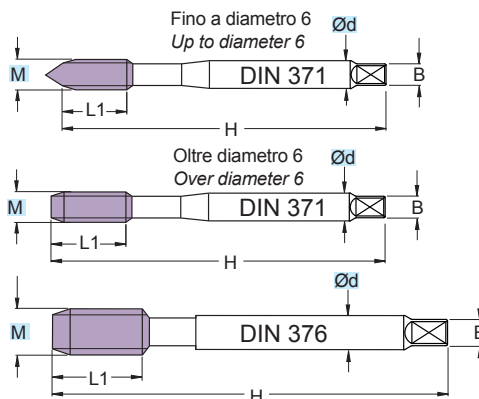
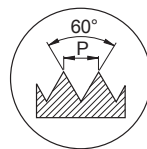
▶ Rm 1200+1400 N/mm², 38-45 HRC

PAG. H 44

Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSR3071TB..
MSR3076TB..

M 3 - 16



RIVESTIM. COATED TIALN+C	PM3
	2-3 FILL
	TOLL 6HX

DIN 371 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSR3071TB M3	3	0,5	3,5	5	56	2,7	2,5
MSR3071TB M4	4	0,7	4,5	7	63	3,4	3,3
MSR3071TB M5	5	0,8	6	8	70	4,9	4,2
MSR3071TB M6	6	1	6	10	80	4,9	5
MSR3071TB M8	8	1,25	8	13	90	6,2	6,8
MSR3071TB M10	10	1,5	10	15	100	8	8,5

DIN 376 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSR3076TB M12	12	1,75	9	18	110	7	10,3
MSR3076TB M14	14	2	11	20	110	9	12
MSR3076TB M16	16	2	12	20	110	9	14

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL		
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	●	5-12
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON	○	15-20
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		

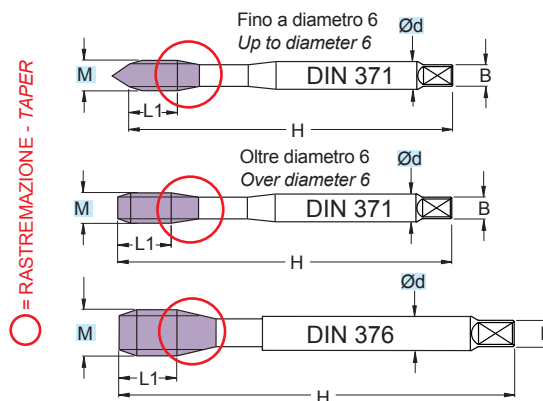
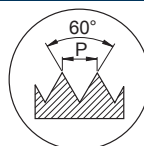
Rm ≤ 1400 N/mm², ≤ 45 HRC



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSR4071TL M..
MSR4076TL M..

M 3 - 16



RIVESTIM. COATED TIALN+C	PM3
	2-3 FILL
	TOLL 6HX

DIN 371	(mm)						
ART.	M	P	Ød	L1	H	B	Preforo Prebore

MSR4071TL M3	3	0,5	3,5	5	56	2,7	2,5
MSR4071TL M4	4	0,7	4,5	7	63	3,4	3,3
MSR4071TL M5	5	0,8	6	8	70	4,9	4,2
MSR4071TL M6	6	1	6	10	80	4,9	5
MSR4071TL M8	8	1,25	8	13	90	6,2	6,8
MSR4071TL M10	10	1,5	10	15	100	8	8,5

DIN 376	(mm)						
ART.	M	P	Ød	L1	H	B	Preforo Prebore

MSR4076TL M12	12	1,75	9	18	110	7	10,3
MSR4076TL M14	14	2	11	20	110	9	12
MSR4076TL M16	16	2	12	20	110	9	14

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	○	15-20
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	●	5-12
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON	○	15-20
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		

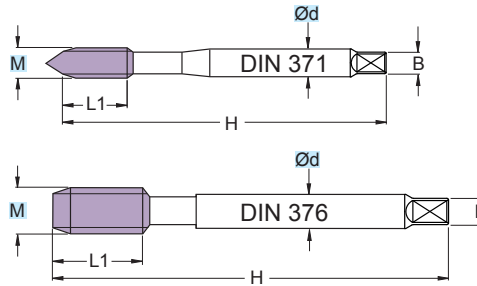
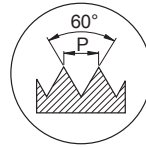
Rm ≤ 1200 N/mm², ≤ 38 HRC



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSI2071TB M..
MSI2076TB M..

M 3 - 24



RIVESTIM. COATED TIALN+C	HSSV3
	4-5 FILL
	TOLL 6HX

DIN 371 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSI2071TB M3	3	0,5	3,5	10	56	2,7	2,5
MSI2071TB M4	4	0,7	4,5	13	63	3,4	3,3
MSI2071TB M5	5	0,8	6	13	70	4,9	4,2
MSI2071TB M6	6	1	6	16	80	4,9	5
MSI2071TB M8	8	1,25	8	18	90	6,2	6,8
MSI2071TB M10	10	1,5	10	20	100	8	8,5

DIN 376 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSI2076TB M12	12	1,75	9	25	110	7	10,3
MSI2076TB M14	14	2	11	28	110	9	12
MSI2076TB M16	16	2	12	28	110	9	14
MSI2076TB M18 New	18	2,5	14	33	125	11	15,5
MSI2076TB M20 New	20	2,5	16	33	140	12	17,5
MSI2076TB M22 New	22	2,5	18	33	140	14,5	19,5
MSI2076TB M24 New	24	3	18	39	160	14,5	21

PARAMETRI - PARAMETERS

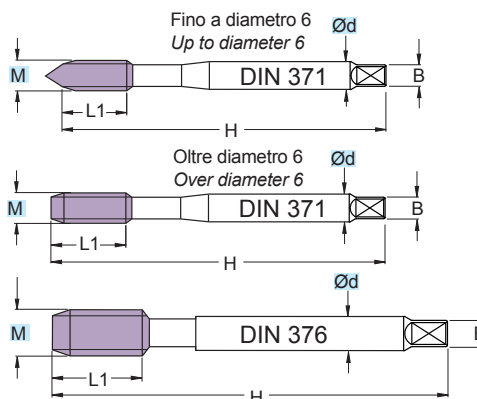
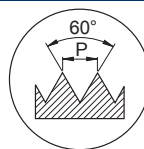
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	15-35
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL	●	6-15
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSI4071TB M..
MSI4076TB M..

M 3 - 24



RIVESTIM. COATED TIALN+C	HSSV3
	2-3 FILL
	TOLL 6HX

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSI4071TB M3	3	0,5	3,5	5	56	2,7	2,5	
MSI4071TB M4	4	0,7	4,5	7	63	3,4	3,3	
MSI4071TB M5	5	0,8	6	8	70	4,9	4,2	
MSI4071TB M6	6	1	6	10	80	4,9	5	
MSI4071TB M8	8	1,25	8	13	90	6,2	6,8	
MSI4071TB M10	10	1,5	10	15	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSI4076TB M12	12	1,75	9	18	110	7	10,3	
MSI4076TB M14	14	2	11	20	110	9	12	
MSI4076TB M16	16	2	12	20	110	9	14	
MSI4076TB M18 New	18	2,5	14	25	125	11	15,5	
MSI4076TB M20 New	20	2,5	16	25	140	12	17,5	
MSI4076TB M22 New	22	2,5	18	25	140	14,5	19,5	
MSI4076TB M24 New	24	3	18	30	160	14,5	21	

PARAMETRI - PARAMETERS

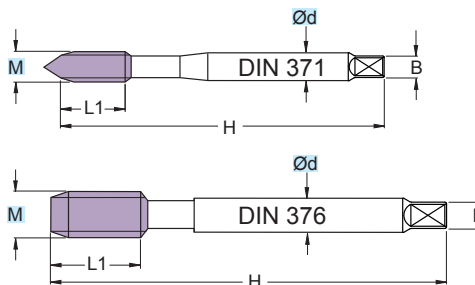
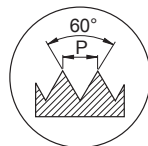
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	15-35
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL	●	6-15
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSG1071SNS M..
MSG1076SNS M..

M 3 - 24



RIVESTIM. COATED SNS	HSSE
	2-3 FILL
	TOLL 6HX

DIN 371 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSG1071SNS M3	3	0,5	3,5	10	56	2,7	2,5
MSG1071SNS M4	4	0,7	4,5	13	63	3,4	3,3
MSG1071SNS M5	5	0,8	6	13	70	4,9	4,2
MSG1071SNS M6	6	1	6	16	80	4,9	5,0
MSG1071SNS M8	8	1,25	8	18	90	6,2	6,8
MSG1071SNS M10	10	1,5	10	20	100	8	8,5

DIN 376 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSG1076SNS M12	12	1,75	9	25	110	7	10,3
MSG1076SNS M14	14	2	11	28	110	9	12,0
MSG1076SNS M16	16	2	12	28	110	9	14,0
MSG1076SNS M18	18	2,5	14	33	125	11	15,5
MSG1076SNS M20	20	2,5	16	33	140	12	17,5
MSG1076SNS M22 New	22	2,5	18	33	140	14,5	19,5
MSG1076SNS M24 New	24	3	18	39	160	14,5	21

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73		Vc m/min
P	ACCIAIO - STEEL	
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	
M	ACCIAIO INOX - STAINLESS STEEL	
K	GHISA - CAST IRON	● 15-30
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○ 25-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL	

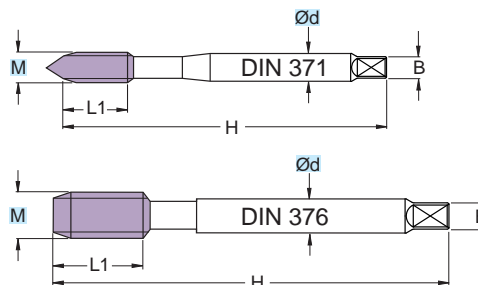
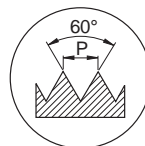


Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSG010071TL M..
MSG010076TL M..

M 4 - 24

NEW



RIVESTIM. COATED	PM3
TIALN	
	2-3 FILL
	TOLL 6HX

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSG010071TL M4	4	0,7	4,5	13	63	3,4	3,3	
MSG010071TL M5	5	0,8	6	13	70	4,9	4,2	
MSG010071TL M6	6	1	6	16	80	4,9	5	
MSG010071TL M8	8	1,25	8	18	90	6,2	6,8	
MSG010071TL M10	10	1,5	10	20	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSG010076TL M12	12	1,75	9	25	110	7	10,3	
MSG010076TL M14	14	2	11	28	110	9	12	
MSG010076TL M16	16	2	12	28	110	9	14	
MSG010076TL M18	18	2,5	14	33	125	11	15,5	
MSG010076TL M20	20	2,5	16	33	140	12	17,5	
MSG010076TL M22	22	2,5	18	33	140	14,5	19,5	
MSG010076TL M24	24	3	18	39	160	14,5	21	

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73		V _c m/min
P	ACCIAIO - STEEL	
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	
M	ACCIAIO INOX - STAINLESS STEEL	
K	GHISA - CAST IRON	● 20-30
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○ 25-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL	

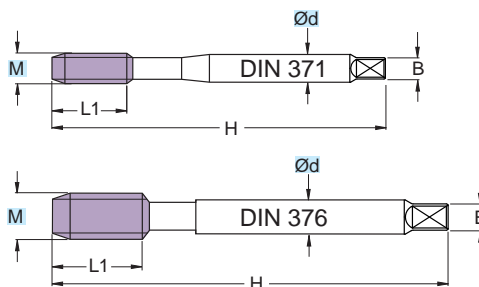
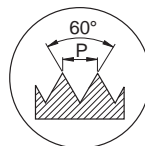


V_c = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSG010071TLW M..
MSG010076TLW M..

M 6 - 24

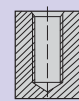
NEW



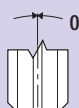
RIVESTIM.
COATED

TIALN

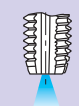
PM3



2-3
FILL



TOLL
6HX



DIN 371 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSG010071TLW M6	6	1	6	16	80	4,9	5
MSG010071TLW M8	8	1,25	8	18	90	6,2	6,8
MSG010071TLW M10	10	1,5	10	20	100	8	8,5

DIN 376 (mm)							
ART.	M	P	Ød	L1	H	B	Preforo Prebore
MSG010076TLW M12	12	1,75	9	25	110	7	10,3
MSG010076TLW M14	14	2	11	28	110	9	12
MSG010076TLW M16	16	2	12	28	110	9	14
MSG010076TLW M18	18	2,5	14	33	125	11	15,5
MSG010076TLW M20	20	2,5	16	33	140	12	17,5
MSG010076TLW M22	22	2,5	18	33	140	14,5	19,5
MSG010076TLW M24	24	3	18	39	160	14,5	21

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73		Vc m/min
P	ACCIAIO - STEEL	
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	
M	ACCIAIO INOX - STAINLESS STEEL	
K	GHISA - CAST IRON	● 20-30
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○ 25-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL	

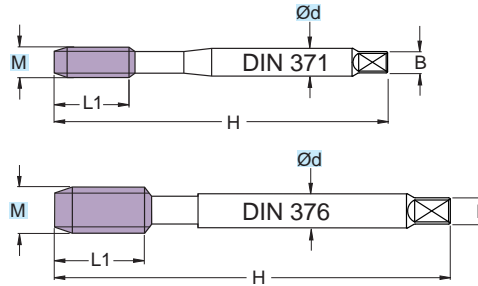
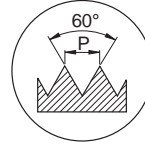



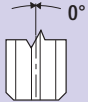
Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSG180071TL M..
MSG180076TL M..

M 6 - 24

NEW



RIVESTIM. COATED TIALN	PM3
	1,5-2 FILL
	TOLL 6HX

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSG180071TL M6	6	1	6	16	80	4,9	5	
MSG180071TL M8	8	1,25	8	18	90	6,2	6,8	
MSG180071TL M10	10	1,5	10	20	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSG180076TL M12	12	1,75	9	25	110	7	10,3	
MSG180076TL M14	14	2	11	28	110	9	12	
MSG180076TL M16	16	2	12	28	110	9	14	
MSG180076TL M18	18	2,5	14	33	125	11	15,5	
MSG180076TL M20	20	2,5	16	33	140	12	17,5	
MSG180076TL M22	22	2,5	18	33	140	14,5	19,5	
MSG180076TL M24	24	3	18	39	160	14,5	21	

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS		Pag. H 73	Vc	m/min
P	ACCIAIO - STEEL			
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL			
M	ACCIAIO INOX - STAINLESS STEEL			
K	GHISA - CAST IRON	●	20-30	
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○	25-30	
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY			
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL			

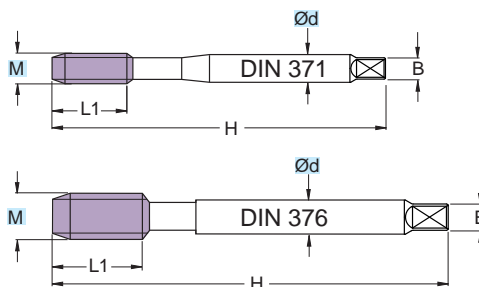
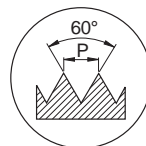
 **PAG. H 44**

Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSG180071TLW M..
MSG180076TLW M..

M 6 - 24

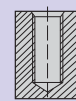
NEW



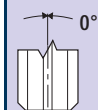
RIVESTIM.
COATED

TIALN

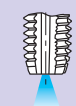
PM3



**1,5-2
FILL**



**TOLL
6HX**



DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSG180071TLW M6	6	1	6	16	80	4,9	5	
MSG180071TLW M8	8	1,25	8	18	90	6,2	6,8	
MSG180071TLW M10	10	1,5	10	20	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSG180076TLW M12	12	1,75	9	25	110	7	10,3	
MSG180076TLW M14	14	2	11	28	110	9	12	
MSG180076TLW M16	16	2	12	28	110	9	14	
MSG180076TLW M18	18	2,5	14	33	125	11	15,5	
MSG180076TLW M20	20	2,5	16	33	140	12	17,5	
MSG180076TLW M22	22	2,5	18	33	140	14,5	19,5	
MSG180076TLW M24	24	3	18	39	160	14,5	21	

PARAMETRI - PARAMETERS

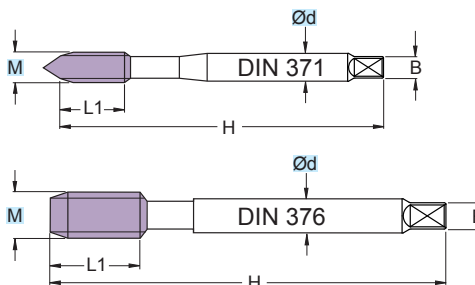
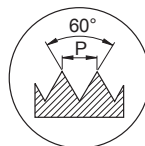
MATERIALI - MATERIALS Pag. H 73		Vc m/min
P	ACCIAIO - STEEL	
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	
M	ACCIAIO INOX - STAINLESS STEEL	
K	GHISA - CAST IRON	● 15-25
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○ 25-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL	

PAG. H 44

Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

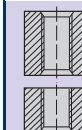
MSN1071VP..
MSN1076VP..

M 3 - 16

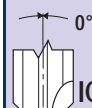


RIVESTIM.
 COATED
VX

HSSE



4-5
 FILL



0°
 TOLL
 ISO2
 6H

DIN 371		(mm)						
ART.	M	P	Ød	L1	H	B	Preforo Prebore	Z
MSN1071VP M3	3	0,5	3,5	10	56	2,7	2,5	2
MSN1071VP M4	4	0,7	4,5	13	63	3,4	3,3	2
MSN1071VP M5	5	0,8	6	13	70	4,9	4,2	2
MSN1071VP M6	6	1	6	16	80	4,9	5	2
MSN1071VP M8	8	1,25	8	18	90	6,2	6,8	2
MSN1071VP M10	10	1,5	10	20	100	8	8,5	2

DIN 376		(mm)						
ART.	M	P	Ød	L1	H	B	Preforo Prebore	Z
MSN1076VP M12	12	1,75	9	25	110	7	10,3	3
MSN1076VP M14	14	2	11	28	110	9	12	3
MSN1076VP M16	16	2	12	28	110	9	14	3

PARAMETRI - PARAMETERS

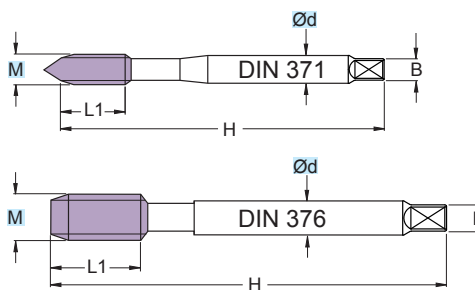
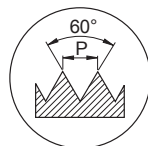
MATERIALI - MATERIALS Pag. H 73		Vc m/min
P	ACCIAIO - STEEL	
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	
M	ACCIAIO INOX - STAINLESS STEEL	
K	GHISA - CAST IRON	
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	● 10-20
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL	

PAG. H 44

Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSN4071VP..
MSN4076VP..

M 3 - 16



RIVESTIM. COATED VX	HSSE
	2-3 FILL
	TOLL ISO2 6H

DIN 371		(mm)						
ART.	M	P	Ød	L1	H	B	Preforo Prebore	Z
MSN4071VP M3	3	0,5	3,5	10	56	2,7	2,5	2
MSN4071VP M4	4	0,7	4,5	13	63	3,4	3,3	2
MSN4071VP M5	5	0,8	6	13	70	4,9	4,2	2
MSN4071VP M6	6	1	6	16	80	4,9	5	2
MSN4071VP M8	8	1,25	8	18	90	6,2	6,8	2
MSN4071VP M10	10	1,5	10	20	100	8	8,5	2

DIN 376		(mm)						
ART.	M	P	Ød	L1	H	B	Preforo Prebore	Z
MSN4076VP M12	12	1,75	9	25	110	7	10,3	3
MSN4076VP M14	14	2	11	28	110	9	12	3
MSN4076VP M16	16	2	12	28	110	9	14	3

PARAMETRI - PARAMETERS

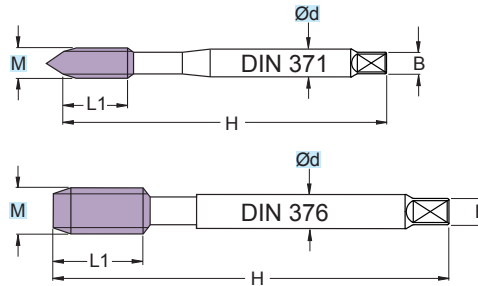
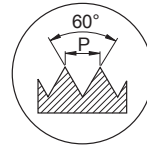
MATERIALI - MATERIALS Pag. H 73		Vc m/min
P	ACCIAIO - STEEL	
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	
M	ACCIAIO INOX - STAINLESS STEEL	
K	GHISA - CAST IRON	
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	● 10-20
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL	



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

**MST8071TC..
 MST8076TC..**

M 3 - 16



RIVESTIM. COATED TICN	PM3
	4-5 FILL
	TOLL 6HX

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MST8071TC M3	3	0,5	3,5	10	56	2,7	2,5	
MST8071TC M4	4	0,7	4,5	13	63	3,4	3,3	
MST8071TC M5	5	0,8	6	13	70	4,9	4,2	
MST8071TC M6	6	1	6	16	80	4,9	5	
MST8071TC M8	8	1,25	8	18	90	6,2	6,8	
MST8071TC M10	10	1,5	10	20	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MST8076TC M12	12	1,75	9	25	110	7	10,3	
MST8076TC M16	16	2	12	28	110	9	14	

PARAMETRI - PARAMETERS

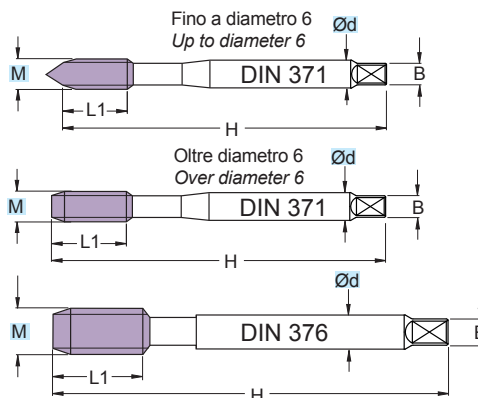
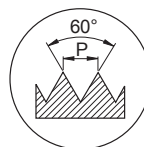
MATERIALI - MATERIALS		Pag. H 73		Vc m/min
P	ACCIAIO - STEEL			
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL			
M	ACCIAIO INOX - STAINLESS STEEL (DUPLEX)	○		6-8
K	GHISA - CAST IRON			
N	ALLUMINIO E SUE LEGHE - ALUMINIUM			
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	●		5-10
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL			



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MST3071TC M..
MST3076TC M..

M 3 - 16



RIVESTIM. COATED TICN	PM3
	2-3 FILL
	TOLL 6HX

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MST3071TC M3	3	0,5	3,5	5	56	2,7	2,5	
MST3071TC M4	4	0,7	4,5	7	63	3,4	3,3	
MST3071TC M5	5	0,8	6	8	70	4,9	4,2	
MST3071TC M6	6	1	6	10	80	4,9	5	
MST3071TC M8	8	1,25	8	13	90	6,2	6,8	
MST3071TC M10	10	1,5	10	15	100	8	8,5	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MST3076TC M12	12	1,75	9	18	110	7	10,3	
MST3076TC M16	16	2	12	20	110	9	14	

PARAMETRI - PARAMETERS

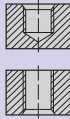
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL		
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL (DUPLEX)	○	6-8
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	●	5-10
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



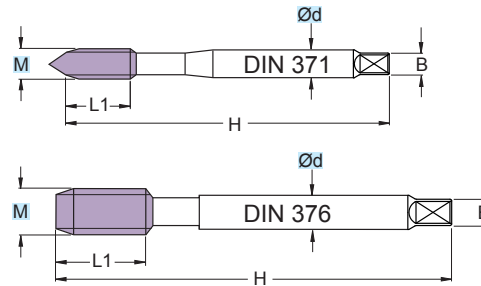
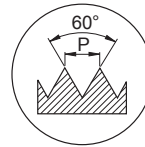
Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSA5071TN M..
MSA5076TN M..

Senza canaline di lubrificazione
 Without lubrication channels

RIVESTIM. COATED TIN	PM3
	2-3 FILL
	TOLL 6HX

M 3 - 16



DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSA5071TN M3	3	0,5	3,5	10	56	2,7	2,8	
MSA5071TN M4	4	0,7	4,5	13	63	3,4	3,7	
MSA5071TN M5	5	0,8	6	13	70	4,9	4,65	
MSA5071TN M6	6	1	6	16	80	4,9	5,55	
MSA5071TN M8	8	1,25	8	18	90	6,2	7,40	
MSA5071TN M10	10	1,5	10	20	100	8	9,30	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSA5076TN M12	12	1,75	9	25	110	7	11,2	
MSA5076TN M14	14	2	11	28	110	9	13,1	
MSA5076TN M16	16	2	12	28	110	9	15,1	

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73			V _c m/min
P	ACCIAIO - STEEL	●	25-40
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	○	15-20
M	ACCIAIO INOX - STAINLESS STEEL	●	6-20
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	●	35-45
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	●	15-20
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		

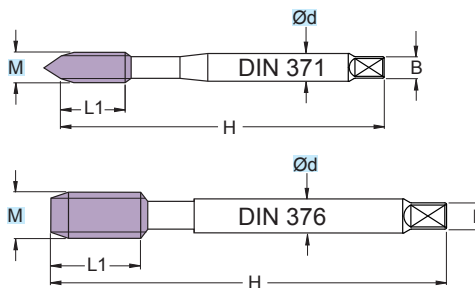
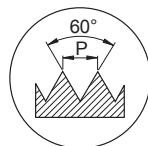


V_c = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSA6071TN M..
MSA6076TN M..

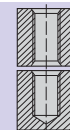
Con canaline di lubrificazione
With lubrication channels

M 3 - 16



RIVESTIM.
 COATED
TIN

PM3



2-3
 FILL

TOLL
 6HX

DIN 371		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSA6071TN M3	3	0,5	3,5	10	56	2,7	2,8	
MSA6071TN M4	4	0,7	4,5	13	63	3,4	3,7	
MSA6071TN M5	5	0,8	6	13	70	4,9	4,65	
MSA6071TN M6	6	1	6	16	80	4,9	5,55	
MSA6071TN M8	8	1,25	8	18	90	6,2	7,40	
MSA6071TN M10	10	1,5	10	20	100	8	9,30	

DIN 376		(mm)						Preforo Prebore
ART.	M	P	Ød	L1	H	B		
MSA6076TN M12	12	1,75	9	25	110	7	11,2	
MSA6076TN M14	14	2	11	28	110	9	13,1	
MSA6076TN M16	16	2	12	28	110	9	15,1	

PARAMETRI - PARAMETERS

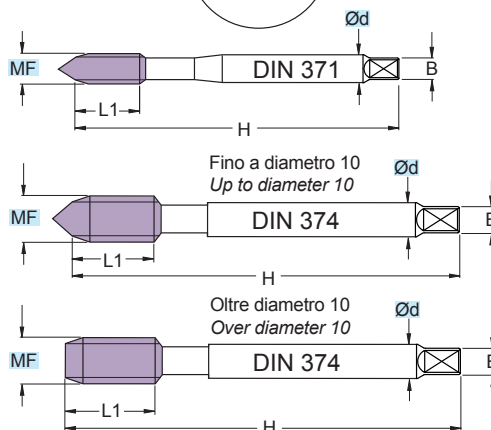
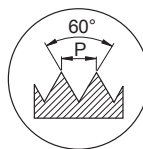
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	25-40
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	○	10-15
M	ACCIAIO INOX - STAINLESS STEEL	●	6-15
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○	35-45
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	●	15-20
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSA2171VP MF..
MSA2174VP MF..

MF 4 - 24



RIVESTIM. COATED VP	HSSE
	4-5 FILL
	TOLL ISO2 6H

DIN 371		(mm)						Preforo Prebore
ART.	MF	P	Ød	L1	H	B		
MSA2171VP MF4X0,5	4	0,5	4,5	13	63	3,4	3,5	
MSA2171VP MF5X0,5	5	0,5	6	13	70	4,9	4,5	
MSA2171VP MF6X0,75	6	0,75	6	16	80	4,9	5,25	
MSA2171VP MF8X1	8	1	8	18	90	6,2	7	
MSA2171VP MF10X1	10	1	10	15	90	8	9	
MSA2171VP MF10X1,25	10	1,25	10	20	100	8	8,75	

DIN 374		(mm)						Preforo Prebore
ART.	MF	P	Ød	L1	H	B		
MSA2174VP MF6X0,75	6	0,75	4,5	16	80	3,4	5,25	
MSA2174VP MF8X1	8	1	6	18	90	4,9	7	
MSA2174VP MF10X1	10	1	7	15	90	5,5	9	
MSA2174VP MF10X1,25	10	1,25	7	20	100	5,5	8,75	
MSA2174VP MF12X1	12	1	9	22	100	7	11	
MSA2174VP MF12X1,25	12	1,25	9	22	100	7	10,75	
MSA2174VP MF12X1,5	12	1,5	9	22	100	7	10,5	
MSA2174VP MF14X1	14	1	11	22	100	9	13	
MSA2174VP MF14X1,25	14	1,25	11	22	100	9	12,75	
MSA2174VP MF14X1,5	14	1,5	11	22	100	9	12,5	
MSA2174VP MF16X1	16	1	12	22	100	9	15	
MSA2174VP MF16X1,5	16	1,5	12	22	100	9	14,5	
MSA2174VP MF18X1	18	1	14	25	110	11	17	
MSA2174VP MF18X1,5	18	1,5	14	25	110	11	16,5	
MSA2174VP MF20X1	20	1	16	25	125	12	19	
MSA2174VP MF20X1,5	20	1,5	16	25	125	12	18,5	
MSA2174VP MF22X1	22	1	18	25	125	14,5	21	
MSA2174VP MF22X1,5	22	1,5	18	25	125	14,5	20,5	
MSA2174VP MF24X1	24	1	18	25	140	14,5	23	
MSA2174VP MF24X1,5	24	1,5	18	25	140	14,5	22,5	
MSA2174VP MF24X2	24	2	18	25	140	14,5	22	

PARAMETRI - PARAMETERS

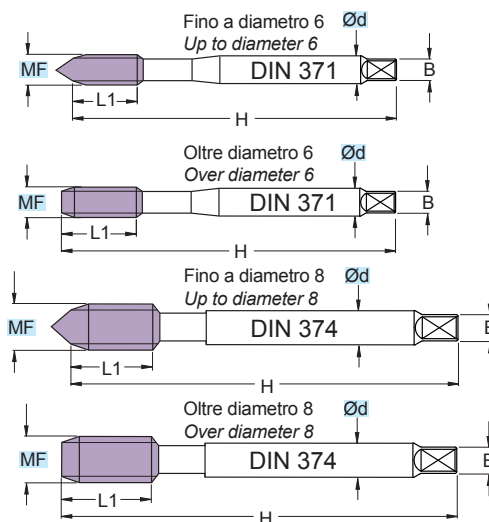
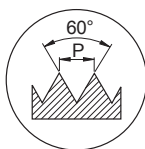
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	10-15
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○	10-20
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSA4171VP MF..
MSA4174VP MF..

MF 4 - 24



RIVESTIM. COATED VP	HSSE
	2-3 FILL
	TOLL ISO2 6H

DIN 371		(mm)						Preforo Prebore
ART.	MF	P	Ød	L1	H	B		
MSA4171VP MF4X0,5	4	0,5	4,5	7	63	3,4	3,5	
MSA4171VP MF5X0,5	5	0,5	6	8	70	4,9	4,5	
MSA4171VP MF6X0,75	6	0,75	6	10	80	4,9	5,25	
MSA4171VP MF8X1	8	1	8	13	90	6,2	7	
MSA4171VP MF10X1	10	1	10	15	90	8	9	
MSA4171VP MF10X1,25	10	1,25	10	15	100	8	8,75	

DIN 374		(mm)						Preforo Prebore
ART.	MF	P	Ød	L1	H	B		
MSA4174VP MF8X1	8	1	6	13	90	4,9	7	
MSA4174VP MF10X1	10	1	7	15	90	5,5	9	
MSA4174VP MF10X1,25	10	1,25	7	15	100	5,5	8,75	
MSA4174VP MF12X1	12	1	9	13	100	7	11	
MSA4174VP MF12X1,25	12	1,25	9	13	100	7	10,75	
MSA4174VP MF12X1,5	12	1,5	9	13	100	7	10,5	
MSA4174VP MF14X1	14	1	11	15	100	9	13	
MSA4174VP MF14X1,25	14	1,25	11	15	100	9	12,75	
MSA4174VP MF14X1,5	14	1,5	11	15	100	9	12,5	
MSA4174VP MF16X1	16	1	12	15	100	9	15	
MSA4174VP MF16X1,5	16	1,5	12	15	100	9	14,5	
MSA4174VP MF18X1	18	1	14	17	110	11	17	
MSA4174VP MF18X1,5	18	1,5	14	17	110	11	16,5	
MSA4174VP MF20X1	20	1	16	17	125	12	19	
MSA4174VP MF20X1,5	20	1,5	16	17	125	12	18,5	
MSA4174VP MF22X1	22	1	18	25	125	14,5	21	
MSA4174VP MF22X1,5	22	1,5	18	25	125	14,5	20,5	
MSA4174VP MF24X2	24	2	18	25	140	14,5	22	

PARAMETRI - PARAMETERS

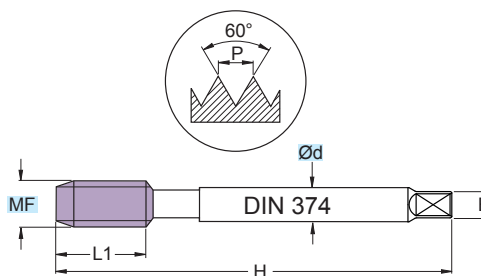
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	10-15
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL		
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○	10-20
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		



Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

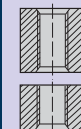
MSI2174TB MF..

MF 8 - 24

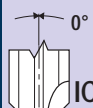


RIVESTIM.
COATED
TIALN+C

HSSV3



4-5
FILL



TOLL
6HX

ART.	DIN 374 (mm)							Preforo Prebore
	MF	P	Ød	L1	H	B		
MSI2174TB MF8X1	8	1	6	18	90	4,9	7	
MSI2174TB MF10X1	10	1	7	15	90	5,5	9	
MSI2174TB MF10X1,25	10	1,25	7	20	100	5,5	8,75	
MSI2174TB MF12X1,25	12	1,25	9	22	100	7	10,75	
MSI2174TB MF12X1,5	12	1,5	9	22	100	7	10,5	
MSI2174TB MF14X1,5	14	1,5	11	22	100	9	12,5	
MSI2174TB MF16X1,5	16	1,5	12	22	100	9	14,5	
MSI2174TB MF18X1,5	18	1,5	14	25	110	11	16,5	
MSI2174TB MF20X1,5	20	1,5	16	25	125	12	18,5	
MSI2174TB MF22X1,5	22	1,5	18	25	125	14,5	20,5	
MSI2174TB MF24X1,5	24	1,5	18	25	140	14,5	22,5	

PARAMETRI - PARAMETERS

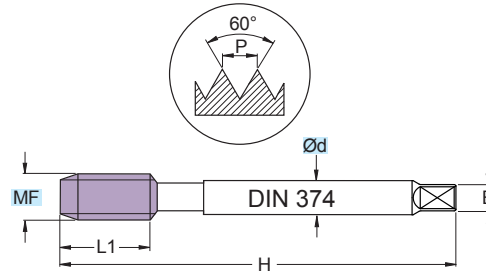
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	25-40
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL	●	6-15
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		

PAG. H 44

Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

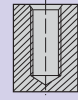
MSI4174TB MF..

MF 8 - 24

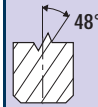


RIVESTIM.
COATED
TIALN+C

HSSV3



2-3
FILL



TOLL
6HX

DIN 374 (mm)

ART.	MF	P	Ød	L1	H	B	Preforo Prebore
MSI4174TB MF8X1	8	1	6	13	90	4,9	7
MSI4174TB MF10X1	10	1	7	15	90	5,5	9
MSI4174TB MF10X1,25	10	1,25	7	15	100	5,5	8,75
MSI4174TB MF12X1	12	1	9	13	100	7	11
MSI4174TB MF12X1,25	12	1,25	9	13	100	7	10,75
MSI4174TB MF12X1,5	12	1,5	9	13	100	7	10,5
MSI4174TB MF14X1,5	14	1,5	11	15	100	9	12,5
MSI4174TB MF16X1,5	16	1,5	12	15	100	9	14,5
MSI4174TB MF18X1,5	18	1,5	14	17	110	11	16,5
MSI4174TB MF20X1,5	20	1,5	16	17	125	12	18,5
MSI4174TB MF22X1,5	22	1,5	18	18	125	14,5	20,5
MSI4174TB MF24X1,5	24	1,5	18	20	140	14,5	22,5

PARAMETRI - PARAMETERS

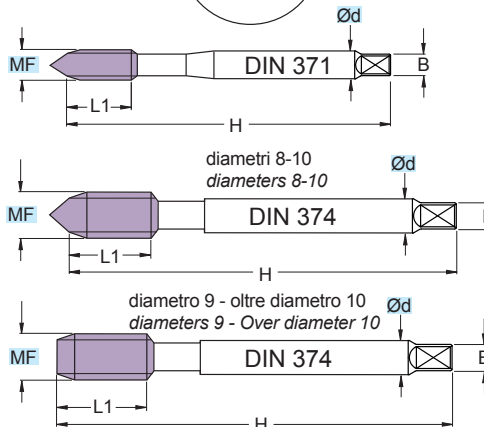
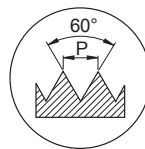
MATERIALI - MATERIALS Pag. H 73			Vc m/min
P	ACCIAIO - STEEL	●	25-40
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL		
M	ACCIAIO INOX - STAINLESS STEEL	●	6-15
K	GHISA - CAST IRON		
N	ALLUMINIO E SUE LEGHE - ALUMINIUM		
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY		
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL		

PAG. H 44

Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSG1171SNS MF..
MSG1174SNS MF..

MF 8 - 30



RIVESTIM. COATED SNS	HSSE
	2-3 FILL
	TOLL 6HX

DIN 371		(mm)						Preforo Prebore
ART.	MF	P	Ød	L1	H	B		
MSG1171SNS MF8X1	8	1	8	18	90	6,2	7	
MSG1171SNS MF10X1	10	1	10	15	90	8	9	
MSG1171SNS MF10X1,25	10	1,25	10	20	100	8	8,75	

DIN 374		(mm)						Preforo Prebore
ART.	MF	P	Ød	L1	H	B		
MSG1174SNS MF8X1	8	1	6	18	90	4,9	7	
MSG1174SNS MF9X1	9	1	7	18	90	5,5	9	
MSG1174SNS MF10X1	10	1	7	15	90	5,5	9	
MSG1174SNS MF10X1,25	10	1,25	7	20	100	5,5	8,75	
MSG1174SNS MF12X1	12	1	9	22	100	7	11	
MSG1174SNS MF12X1,25	12	1,25	9	22	100	7	10,75	
MSG1174SNS MF12X1,5	12	1,5	9	22	100	7	10,5	
MSG1174SNS MF14X1	14	1	11	22	100	9	13	
MSG1174SNS MF14X1,25	14	1,25	11	22	100	9	12,75	
MSG1174SNS MF14X1,5	14	1,5	11	22	100	9	12,5	
MSG1174SNS MF16X1,5	16	1,5	12	22	100	9	14,5	
MSG1174SNS MF18X1,5	18	1,5	14	25	110	11	16,5	
MSG1174SNS MF20X1,5	20	1,5	16	25	125	12	18,5	
MSG1174SNS MF22X1,5 New	22	1,5	18	25	125	14,5	20,5	
MSG1174SNS MF24X1,5 New	24	1,5	18	25	140	14,5	22,5	
MSG1174SNS MF27X1,5 New	27	1,5	20	25	140	16	25,5	
MSG1174SNS MF27X2 New	27	2	20	25	140	16	25	
MSG1174SNS MF30X1,5 New	30	1,5	22	28	150	18	28,5	
MSG1174SNS MF30X2 New	30	2	22	28	150	18	28	

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73		Vc m/min
P	ACCIAIO - STEEL	
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	
M	ACCIAIO INOX - STAINLESS STEEL	
K	GHISA - CAST IRON	● 15-30
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○ 25-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL	

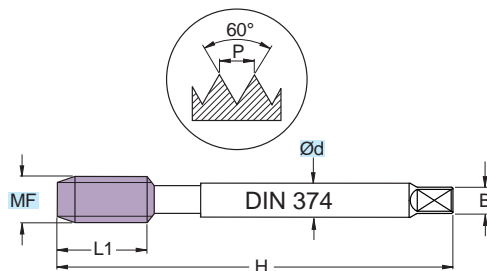


Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSG010174TL MF..

MF 8 - 24

NEW



RIVESTIM. COATED	PM3
TIALN	
	2-3 FILL
	TOLL 6HX

DIN 374 (mm)							
ART.	MF	P	Ød	L1	H	B	Preforo Prebore
MSG010174TL MF 8X1	8	1	6	18	90	4,9	7
MSG010174TL MF 10X1	10	1	7	15	90	5,5	9
MSG010174TL MF 10X1,25	10	1,25	7	20	100	5,5	8,75
MSG010174TL MF 12X1,25	12	1,25	9	22	100	7	10,75
MSG010174TL MF 12X1,5	12	1,5	9	22	100	7	10,5
MSG010174TL MF 14X1,5	14	1,5	11	22	100	9	12,5
MSG010174TL MF 16X1,5	16	1,5	12	22	100	9	14,5
MSG010174TL MF 18X1,5	18	1,5	14	25	110	11	16,5
MSG010174TL MF 20X1,5	20	1,5	16	25	125	12	18,5
MSG010174TL MF 22X1,5	22	1,5	18	25	125	14,5	20,5
MSG010174TL MF 24X1,5	24	1,5	18	25	140	14,5	22,5

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73		Vc m/min
P	ACCIAIO - STEEL	
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	
M	ACCIAIO INOX - STAINLESS STEEL	
K	GHISA - CAST IRON	● 20-30
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○ 25-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL	

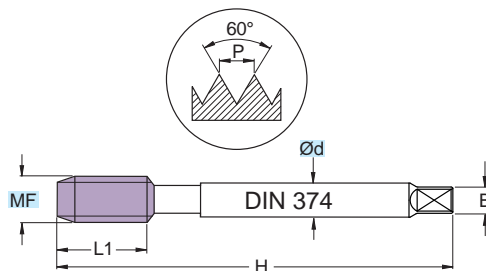
PAG. H 44

Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED

MSG010174TLW MF..

MF 8 - 24

NEW



RIVESTIM. COATED TIALN	PM3
	2-3 FILL
	TOLL 6HX

ART.	DIN 374 (mm)							Preforo Prebore
	MF	P	Ød	L1	H	B		
MSG010174TLW MF 8X1	8	1	6	18	90	4,9	7	
MSG010174TLW MF 10X1	10	1	7	15	90	5,5	9	
MSG010174TLW MF 10X1,25	10	1,25	7	20	100	5,5	8,75	
MSG010174TLW MF 12X1,25	12	1,25	9	22	100	7	10,75	
MSG010174TLW MF 12X1,5	12	1,5	9	22	100	7	10,5	
MSG010174TLW MF 14X1,5	14	1,5	11	22	100	9	12,5	
MSG010174TLW MF 16X1,5	16	1,5	12	22	100	9	14,5	
MSG010174TLW MF 18X1,5	18	1,5	14	25	110	11	16,5	
MSG010174TLW MF 20X1,5	20	1,5	16	25	125	12	18,5	
MSG010174TLW MF 22X1,5	22	1,5	18	25	125	14,5	20,5	
MSG010174TLW MF 24X1,5	24	1,5	18	25	140	14,5	22,5	

PARAMETRI - PARAMETERS

MATERIALI - MATERIALS Pag. H 73		Vc m/min
P	ACCIAIO - STEEL	
	ACCIAIO AD ALTA RESISTENZA - HIGH-RESISTANCE STEEL	
M	ACCIAIO INOX - STAINLESS STEEL	
K	GHISA - CAST IRON	● 20-30
N	ALLUMINIO E SUE LEGHE - ALUMINIUM	○ 25-30
S	LEGHE RESIST. CALORE - HIG. TEMP. ALLOY	
H	MAT. DURI E TEMPRATI - HARD AND HARDENED MATERIAL	

PAG. H 44

Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED