MIG11

ST01-B8 11

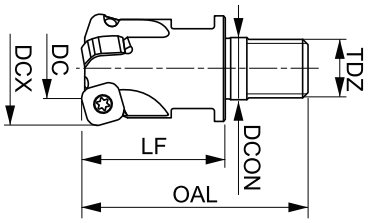
ALTO AVANZAMENTO
8 TAGLIENTI BILATERALI

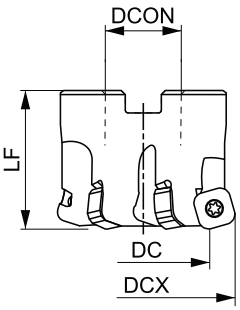
SCHUMANTOOLS®
WORK INSPIRACTION

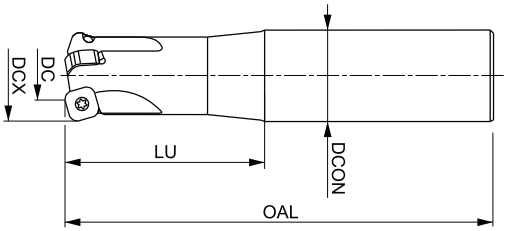
FRESE PER ALTI AVANZAMENTI/inserti bilaterali

MILLING TOOL FOR HIGH FEED RATES/bilateral inserts

Frese per alti avanzamenti. Inserto bilaterale con **8 taglienti**. Spianature, sbancamenti e terrazzamenti, apertura di fori dal pieno. Sgrossatura di stampi e meccanica generale. Taglienti a passo differenziato e fori di lubrificazione.
Attacco filettato e manicotto, diametri da mm. 32 a mm. 125.

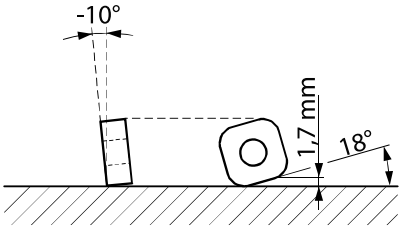






APMXS SNGX mm.1,7

R.P. SNGX 4,6



Frese per inserti: SNGX 1104..Attacco filettato/*Milling tools for inserts: SNGX 1104..screwed coupling*

CODICE *CODE*	DCX	DC	TDZ	OAL	LF								
ST01-B8 32 11 3 FM16A	32	18,3	16	63	40	3	-	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○
ST01-B8 35 11 3 FM16A	35	21,2	16	63	40	3	-	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○
ST01-B8 40 11 4 FM16A	40	26,2	16	66	43	4	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○

Frese per inserti: SNGX 1104..Attacco cilindrico/*Milling tools for inserts: SNGX 1104...cilindrical coupling*

CODICE *CODE*	DCX	DC	DCON	OAL	LU								
ST01-B8 3232 070 11 3CLA	32	18,3	32	150	70	3	-	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○
ST01-B8 3232 120 11 3CLA	32	18,3	32	200	120	3	-	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○
ST01-B8 3532 050 11 3CLA	35	21,2	32	200	50	3	-	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○

Frese per inserti: SNGX 1104..Attacco a manicotto/*Milling tools for inserts: SNGX 1104...sleeve cupling*

CODICE *CODE*	DCX	DC	DCON	LF								
ST01-B8 40 11 4 MA	40	26,2	16	40	4	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○
ST01-B8 42 11 4 MA	42	28,2	16	40	4	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○
ST01-B8 50 11 5 MA	50	36,1	22	40	5	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 50 11 6 MA	50	36,1	22	40	6	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 52 11 5 MA	52	38,1	22	40	5	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 52 11 6 MA	52	38,1	22	40	6	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 63 11 6 MA	63	49,1	22	40	6	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 63 11 8 MA	63	49,1	22	40	8	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 66 11 6 MA	66	52,1	27	50	6	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 66 11 8 MA	66	52,1	27	50	8	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 80 11 7 MA	80	66,1	27	50	7	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 80 11 9 MA	80	66,1	27	50	9	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	●
ST01-B8 100 11 8 MA	100	86,1	32	50	8	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○
ST01-B8 115 11 8 MA	115	101,1	32	50	8	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○
ST01-B8 125 11 8 MA	125	111,1	40	63	8	✓	ST VI.BO 4.0X12.0	T15-P	3.5	✓	SN..11..	○

● Stock Italia/*Warehouse in Italy* ○ Stock Estero/*Warehouse abroad*

Inserti/*Inserts*

INSERTO *INSERT*	N° taglienti					
SNGX 110416 M BO PK15-2P	8		ap max 1,7 mm	P	K	●
SNGX 110416 M BO PH10-3P	8		ap max 1,7 mm	H		●
SNGX 110416 M BO PM30-3P	8		ap max 1,7 mm	P		●
SNGX 110416 M BO PM40-3P	8		ap max 1,7 mm	P		●
SNGX 110416 M BO PM25-3C	8		ap max 1,7 mm	P		●
SNGX 110416 M BO PM40-3C	8		ap max 1,7 mm	P		●
SNGX 110416 MM BO MS30-3P	8		ap max 1,7 mm	M	S	●
SNGX 110416 MM BO PM40-3P	8		ap max 1,7 mm	P	M	●
SNGX 110416 MM BO PM50-3P	8		ap max 1,7 mm	P	M	●
SNGX 110416 MM BO PM40-3C	8		ap max 1,7 mm	P	M	●

● Stock Italia/*Warehouse in Italy* ○ Stock Estero/*Warehouse abroad*

INFORMAZIONI TECNICHE/*TECHNICAL INFORMATION*

GRADI/*GRADES*

BO PH10-3P Acciai temprati/ *Hardened steel*

BO PK15-2P Acciai al carbonio a medie Vc. In condizioni stabili , ghise grigie e sferoidali Riv. PVD.
Carbon steel with medium Vc. Cast iron and ductile iron on stable conditions. PVD coating.

BO PM25-3C Acciai al carbonio. Riv. CVD/ *Carbon steel. CVD Coating.*

BO PM30-3P Acciai al carbonio e inox. Riv. PVD/ *Carbon steel and Stainless steel. PVD Coating.*

BO PM40-3P Acciai al carbonio e inox. Riv. PVD/ *Carbon steel and Stainless steel PVD Coating.*

BO PM40-3C Acciai al carbonio e inox. Riv. CVD/ *Carbon steel and Stainless steel CVD Coating.*

BO MS30-3P Prima scelta per inox riv. PVD (alto spessore)/ *First choice for Stainless steel PVD coating. (high thickness)*

BO PM50-3P Acciai al carbonio e inox. Riv. PVD/ *Carbon steel and Stainless steel PVD Coating.*

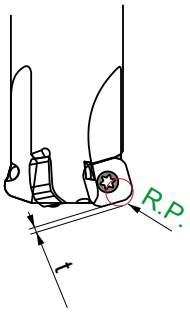
GEOMETRIE/*GEOMETRIES*

Range conditions **SNGX 110416 M**	fz 0.20 – 1.40 mm/rev	ap 0.3 – 1.0 mm	P
Range conditions **SNGX 110416 MM**	fz 0.25 – 1.10 mm/rev	ap 0.3 – 1.0 mm	M

Velocità di taglio in metri minuto/*Cutting speed in metres/minute*

MATERIALE/ *MATERIAL*	**PH10-3P**	**PK15-2P**	**PM25-3C**	**PM30-3P**	**PM40-3P**	**PM40-3C**	**PM50-3P**	**MS30-3P**
Acciaio dolce/*Mild steel*	290	270	330	270	240	300	190	-
Acciaio legato/*Alloy steel*	260	250	300	250	220	270	170	-
Acciaio per stampi-utensili *Steel for dies-tools*	230	220	260	210	190	230	150	-
Acciaio temprato 45/55 HRC *Hardened steel 45/55 HRC*	50	-	-	-	-	-	-	-
Inox/*Stainless steel*	-	-	-	-	130	150	100	150
Duplex, leghe titanio, inconel 625 *Duplex steel, titanium alloys, Inconel 625*	-	-	-	-	50	60	40	70
Ghisa/*Cast iron*	-	240	-	-	180	-	-	-

Le velocità di taglio elevate prediligono la lavorazione a secco.*The high cutting speeds work best with dry machining.*



Ø Apertura fori in interpolazione

D	d_{min}	d_{max}	Ap_{max}
32	48	63,8	1,4
35	54	69,8	1,5
40	64	79,8	1,5
42	68	83,8	1,6
50	84	99,8	1,4
52	88	103,8	1,4
63	109	125,8	1,4
66	115	131,8	1,4
80	143	159,8	1,3
100	183	199,8	1,1
115	213	229,8	1,3
125	233	249,8	1,4

Discesa in rampa

D	Gradi	Ap/L
32	0,8	1,4/100
35	0,8	1,4/100
40	0,7	1,2/100
42	0,7	1,2/100
50	0,5	0,9/100
52	0,5	0,9/100
63	0,4	0,7/100
66	0,4	0,7/100
80	0,3	0,5/100
100	0,2	0,3/100
115	0,2	0,3/100
125	0,2	0,3/100

CODICE *CODE*	**Raggio di programmazione** **R.P.**	t
SNGX 110416	**4,6**	0,92

SCHUMANTOOLS®

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WORK INSPIRACTION

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Sito

Contatti