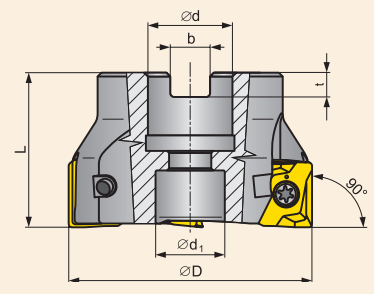


# S90LN16

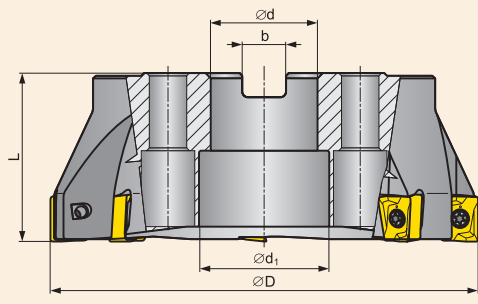
## SCHULTERFRÄSEN UND NUTFRÄSEN SQUARE SHOULDER AND SLOT MILLING CUTTERS (4 CUTTING EDGES)



**ECON LN**



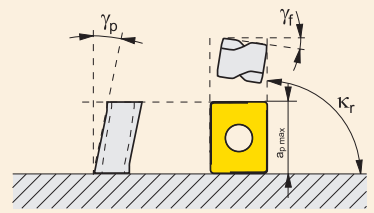
$\varnothing 63 - 140$  mm



$\varnothing 160 - 175$  mm

Z\* - Anzahl Zähne / Number of teeth

$\gamma_p$	-6°	$\kappa_r$	90°
$\gamma_f$	-10,5°	$a_{p\ max}$	13 mm



Abmessungen [mm]. / Dimensions [mm].

**ISO**

Abmessungen / Dimensions

ISO	Sortiment / Assortment	Abmessungen / Dimensions								Kühlung / Cooling	[kg]	
		D	d	d <sub>1</sub>	L	b	t	Z*				
63A04R-S90LN16-C	●	63	22	18,0	40	10,4	6,3	4			+	0,5
63A05R-S90LN16-C	●	63	22	18,0	40	10,4	6,3	5			+	0,5
80A04R-S90LN16-C	●	80	27	38,0	50	12,4	7,0	4			+	1,0
80A06R-S90LN16-C	●	80	27	38,0	50	12,4	7,0	6			+	1,0
100A05R-S90LN16-C	●	100	32	45,0	50	14,4	8,0	5			+	1,8
100A07R-S90LN16-C	●	100	32	45,0	50	14,4	8,0	7			+	1,7
125A06R-S90LN16-C	●	125	40	56,0	63	16,4	9,0	6			+	3,5
125A08R-S90LN16-C	●	125	40	56,0	63	16,4	9,0	8			+	3,3
140A06R-S90LN16-C	●	140	40	56,0	63	16,4	9,0	6			+	4,5
160C08R-S90LN16	●	160	40	66,7	63	16,4	9,0	8				5,7
175C08R-S90LN16	●	175	40	66,7	63	16,4	9,0	8				6,7

PLANFRÄSER  
FACE MILLING CUTTERS

ECKFRÄSER  
SHOULDER END MILLING CUTTERS

WALZENSTIRNFRÄSER/SCHLEIFENFRÄSER  
SQUARE SHOULDER/SLOT MILLING CUTTERS

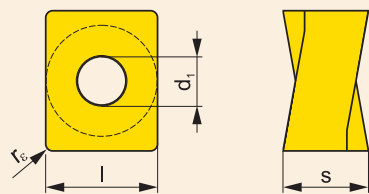
KOPIERFRÄSER  
COPY MILLING CUTTERS

FRÄSER FÜR SPEZ. ANWENDUNGEN  
CUTTERS FOR SPECIAL APPLICATION

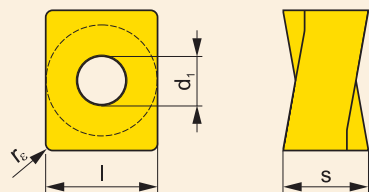
WENDESCHNEIDPLATTEN  
INDEXABLE INSERTS

# S90LN16

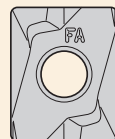
## SCHULTERFRÄSEN UND NUTFRÄSEN INSERTS FOR ECON LN (4 EDGES)



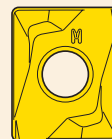
LNGU 16



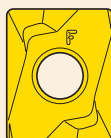
LNMU 16



LNGU 16-FA



LNGU 16-M



LNMU 16-M



LNMU 16-M



LNMU 16-R

PLANFRÄSER  
FACE MILLING CUTTERS

ECKFRÄSER  
SHOULDER END MILLING CUTTERS

### WENDESCHEIDPLATTEN (WSP) / INDEXABLE CUTTING INSERTS

ISO	Materialien / Grades									Abmessungen / Dimensions				
	M5315	M9315	M9325	M8310	M8340	8215	8230	8240	HF7	(l)	d	s	d <sub>1</sub>	r <sub>c</sub>
LNGU 160708SR-M		●	●		●	●	●	●		16,600	13,200	10,00	5,70	0,8
LNGU 160708FR-FA									●	16,600	13,200	10,00	5,7	0,8
LNMU 160708ER-F					●	●	●			16,600	13,200	10,00	5,7	0,8
LNMU 160708SR-M			●		●	●	●			16,600	13,200	10,00	5,7	0,8
LNMU 160720SR-M					●		●			16,600	13,200	10,00	5,7	2,0
LNMU 160730SR-M					●		●			16,600	13,200	10,00	5,7	3,0
LNMU 160740SR-M					●		●			16,600	13,200	10,00	5,7	4,0
LNMU 160708SR-R	●	●	●	●	●	●	●			16,600	13,200	10,00	5,7	0,8
LNMU 160716SR-R		●	●	●	●		●			16,600	13,200	10,00	5,7	1,6

WALZSTIRNFRÄSER/SCHIEBENFRÄSER  
SQUARE SHOULDER/SLOT MILLING CUTTERS

KOPIERFRÄSER  
COPY MILLING CUTTERS

FRÄSER FÜR SPEZ. ANWENDUNGEN  
CUTTERS FOR SPECIAL APPLICATION

### ERSATZTEILE / SPARE PARTS

\*) Empfohlene Torxschraube – siehe Seite / For screw torques see pages: 394 – 397.

Ø Fräser Ø Cutter	Spannschraube* Clamping screw*	Schraubendreher Screwdriver	Schraube für Messerkopf Screw for taper clamping
63	US 45012-T20P	SDR T20P-T	HS 1030C
80 – 175	US 45012-T20P	SDR T20P-T	-

WENDESCHEIDPLATTEN  
INDEXABLE INSERTS