

## PM - Super Cobalt Extended Neck

**HIGH PERFORMANCE  
FOR ROUGHING DEEP  
POCKETS IN ALUMINUM**

*Higher metal removal  
in high speed machining operations  
High pressure coolant holes  
polished flutes*

**HAUTE PERFORMANCE  
POUR ÉBAUCHE POCHES  
PROFONDES DE L'ALUMINIUM**

*Enlèvement de matière grand  
débit à hautes vitesses et avances  
Trous refroidissant haute pression  
goujures polies*

**ALTO RENDIMIENTO PARA  
DESBASTES BOSILLOS  
PROFUNDO EN ALUMINIO**

*Capacidad de arranque máxima a  
alta velocidad y avances  
Agujeros de lubricación para alta  
presión – cuchillos pulidos*

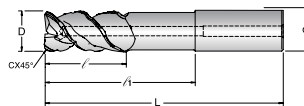
**HOCHLEISTUNG IM SCHRUPPEN  
TIEFER TASCHEN IN ALUMINIUM**

*Erhöhte Spanabhebung bei hohen  
Vorschub- und  
Schnittgeschwindigkeiten;  
innere Kühlmittelzufuhr;  
polierte Schneiden*

### LIST X930P (WITH COOLANT HOLES)



D	d	ℓ	ℓ <sub>1</sub>	L	Z	Tool No. Uncoated	Tool No. TiCN
1/2	1/2	1	3	5	3	X930P-1650	TCX930P-1650
1/2	1/2	1	4	6	3	X930P-1660	TCX930P-1660
5/8	5/8	1-1/4	2-1/2	4-5/8	3	X930P-2046	TCX930P-2046
5/8	5/8	1-1/4	4	6-1/8	3	X930P-2061	TCX930P-2061
3/4	3/4	1-1/2	3	5-1/4	3	X930P-2452	TCX930P-2452
3/4	3/4	1-1/2	4	6-1/4	3	X930P-2462	TCX930P-2462
3/4	3/4	1-1/2	6	8-1/4	3	X930P-2482	TCX930P-2482
1	1	1-1/2	3	5-1/2	3	X930P-3255	TCX930P-3255
1	1	2	4	6-1/2	3	X930P-3265	TCX930P-3265
1	1	2	6	8-1/2	3	X930P-3285	TCX930P-3285
1	1	2	8	10-1/2	3	X930P-32105	TCX930P-32105
1-1/4	1-1/4	2	4	6-1/2	3	X930P-4065	TCX930P-4065
1-1/4	1-1/4	2	6	8-1/2	3	X930P-4085	TCX930P-4085
1-1/4	1-1/4	2-1/2	8	10-1/2	3	X930P-40105	TCX930P-40105
1-1/4	1-1/4	2-1/2	10	12-1/2	3	X930P-40125	TCX930P-40125



M-42



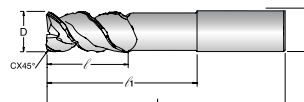
43.5°



### LIST X930PN (WITHOUT COOLANT HOLES)



D	d	ℓ	ℓ <sub>1</sub>	L	Z	Tool No. Uncoated	Tool No. TiCN
1/2	1/2	1	3	5	3	X930PN-1650	TCX930PN-1650
1/2	1/2	1	4	6	3	X930PN-1660	TCX930PN-1660
5/8	5/8	1-1/4	2-1/2	4-5/8	3	X930PN-2046	TCX930PN-2046
5/8	5/8	1-1/4	4	6-1/8	3	X930PN-2061	TCX930PN-2061
3/4	3/4	1-1/2	3	5-1/4	3	X930PN-2452	TCX930PN-2452
3/4	3/4	1-1/2	4	6-1/4	3	X930PN-2462	TCX930PN-2462
3/4	3/4	1-1/2	6	8-1/4	3	X930PN-2482	TCX930PN-2482
1	1	1-1/2	3	5-1/2	3	X930PN-3255	TCX930PN-3255
1	1	2	4	6-1/2	3	X930PN-3265	TCX930PN-3265
1	1	2	6	8-1/2	3	X930PN-3285	TCX930PN-3285
1	1	2	8	10-1/2	3	X930PN-32105	TCX930PN-32105
1-1/4	1-1/4	2	4	6-1/2	3	X930PN-4065	TCX930PN-4065
1-1/4	1-1/4	2	6	8-1/2	3	X930PN-4085	TCX930PN-4085
1-1/4	1-1/4	2-1/2	8	10-1/2	3	X930PN-40105	TCX930PN-40105
1-1/4	1-1/4	2-1/2	10	12-1/2	3	X930PN-40125	TCX930PN-40125



M-42



43.5°

