NEW PRODUCTS!

DAYTON TOOL LTD

45° FACE MILLING SOLUTIONS

Cost-effective tools for roughing to finishing in a wide range of materials, featuring double-sided square inserts with 8 cutting edges

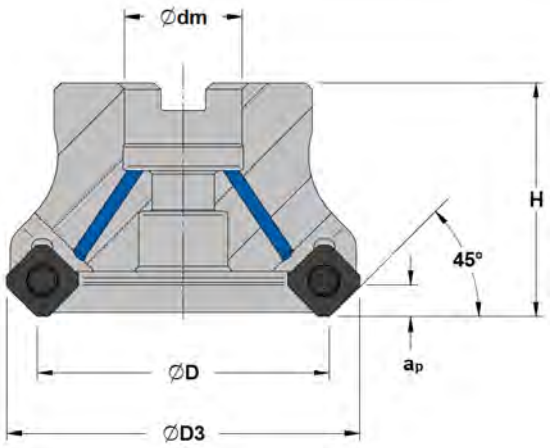
www.daytontoolltd.ca
sales@daytontoolltd.ca

DAYTON TOOL LTD

207 - 1655 Broadway Street
Port Coquitlam, BC
604-464-0223

MILLING CUTTERS

FACEMILLS - ARBOR MOUNT

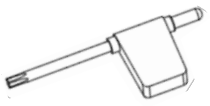


DIAMETER D	CATALOG NUMBER	NUMBER OF INSERTS z	MOUNTING BORE DIAMETER dm	MAXIMUM DIAMETER D3	HEIGHT H	MAX DEPTH OF CUT a_p	COOLANT THROUGH
2.000	FM45-2000A0750-SN12Z05	5	0.750	2.53	1.75	.250	YES
2.500	FM45-2500A1000-SN12Z06	6	1.000	3.03	2.00	.250	YES
3.000	FM45-3000A1000-SN12Z07	7	1.000	3.53	2.00	.250	YES
4.000	FM45-4000A1500-SN12Z08	8	1.500	4.53	2.50	.250	YES
6.000	FM45-6000A2000-SN12Z10	10	2.000	6.53	2.50	.250	YES

Ordering Example: 2 pcs FM45-3000A1000-SN12Z07

NOTE: All cutters are delivered with insert mounting screws and a wrench. Inserts are ordered separately - see next page.

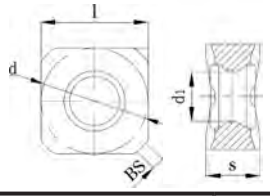
SPARE PARTS

INSERT SCREW	WRENCH
	
NS714	FWT15

MILLING INSERTS

45° FACE MILLING

SNEU



Face milling inserts used in a wide range of applications from roughing to finishing. Suitable for use on low-powered machines and smaller machining centers, with smooth cutting action and low cutting forces. Precision ground for high accuracy. Provides superior workpiece surface finish. Double-sided inserts with 8 cutting edges for economy.

APPLICATION	ITEM	CATALOG NUMBER	DIMENSIONS (INCH)					MULTI-MAT'L	P	M	K		N	S
			d	l	s	d1	BS	GA4230	GP2115	GM2140	GK2115	GK4125	GN9125	GS4130
LIGHT		SNEU 1206ANEN-GL	.500	.500	.250	.232	.063	★	★	★				★
MEDIUM		SNEU 1206ANEN-GM	.500	.500	.250	.232	.063	★	★	★	★	★		★
HEAVY		SNEU 1206ANSN-GH	.500	.500	.250	.232	.063	★	★	★	★	★		
NON-FERROUS		SNEU 1206ANFN-NL	.500	.500	.250	.232	.063						★	

Ordering Example: 20 pcs SNEU 1206ANFN-NL GN9125

GEOMETRIES

Designation	Application	Feed per insert, f_z (inches)
GL	Light cutting with lowest cutting forces	.003 - .009
GM	Medium machining with broad application range	.006 - .016
GH	Heavy cutting with highest edge security	.012 - .022
NL	High-positive, polished inserts for Aluminum and other Non-Ferrous materials	.004 - .014

NOTE: Feed per insert (f_z) values shown include feed rate multiplier to compensate for 45° lead angle chip thinning.

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GRADE SELECTION GUIDE

Grade	Workpiece Materials	Application
GA4230	P M K S	Universal, first-choice grade with broad application range. PVD TiAlN+ coating with excellent heat and oxidation resistance characteristics.
GP2115	P	Best for steel machining with stable set-ups. MT-CVD dual layer TiCN and Al_2O_3 coating with extremely hard substrate offers high wear resistance.
GM2140	M	Outstanding performance in austenitic and ferritic, martensitic and PH stainless steels. MT-CVD coated grade with secondary application in titanium and HRSA materials.
GK2115	K	Excels in cast iron milling with stable set-ups at medium to high cutting speeds. MT-CVD dual layer TiCN and Al_2O_3 coating with extremely hard substrate offers high wear resistance.
GK4125	K	Versatile grade for a wide range of cast iron milling applications at low to medium cutting speeds. PVD Nano-TiAlN coating with excellent adhesion and wear resistance properties.
GN9125	N	Uncoated High Hardness and Wear Resistance grade developed specifically for Aluminum Alloys and other non-ferrous materials within the ISO N Material range. Also suitable for non-metallics.
GS4130	S	Primary application in titanium and iron-based, cobalt-based and nickel-based heat resistant alloys. Latest PVD TiAlN coating technology with complementary use in stainless steels.

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