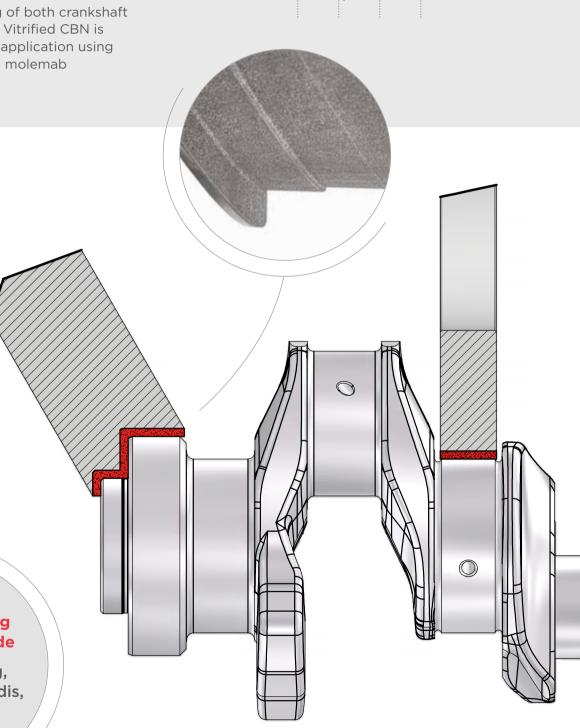
VITRIFIED SUPERABRASIVE WHEELS FOR CRANKSHAFT GRINDING



VITRIFIED SUPERABRASIVE WHEELS FOR CRAN

The challenge of grinding various fillet radii under restricted grinding conditions with reduced coolant access has been met by dedicated molemab specifications. Pendulum grinding, where the wheel follows the motion of the pin while it rotates around its central axis (pin chasing process), is a standard grinding operation for molemab Vitrified CBN.

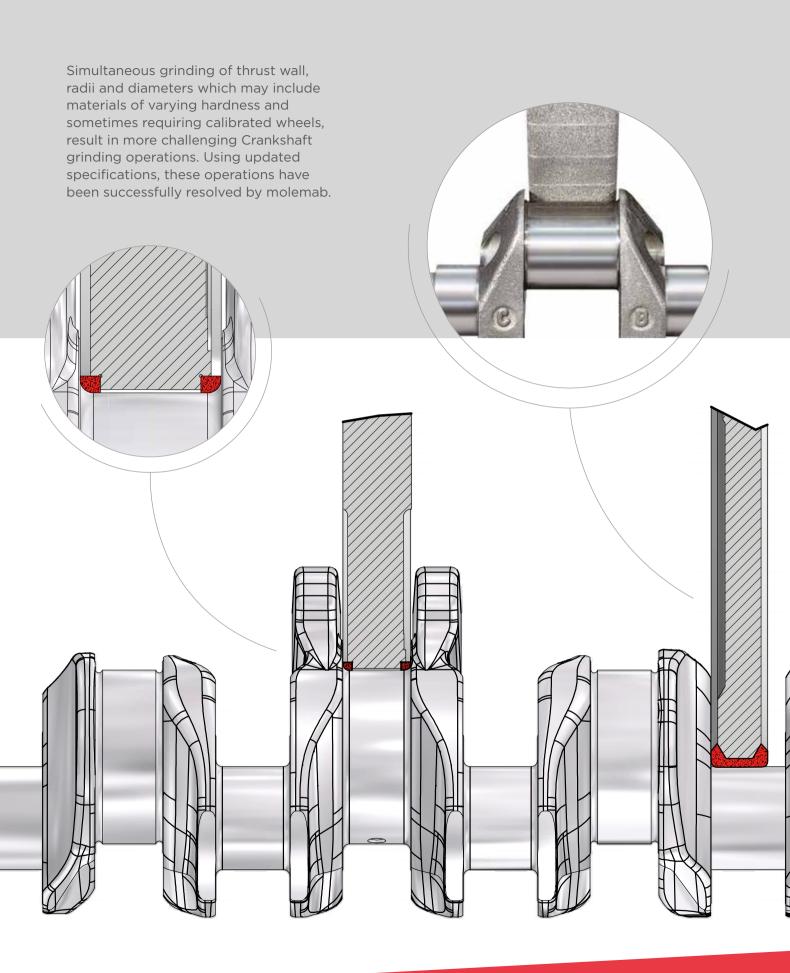
Angle plunge grinding of both crankshaft flange and nose using Vitrified CBN is also a very successful application using specifically developed molemab specifications.

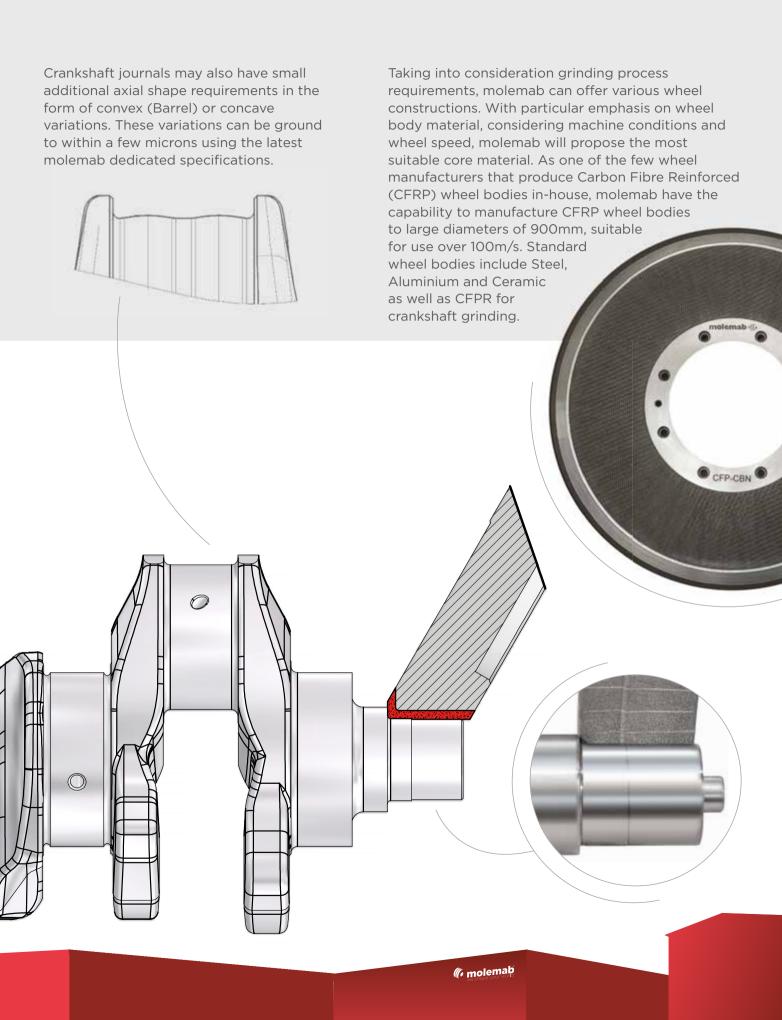


Typical grinding machines include

ATR, AZ, Emag, GST, Junker, Landis, Toyoda

NKSHAFT GRINDING









CBN Oversize Specials

From grinding smaller motorcycle crankshafts to the largest ship cranks, molemab have yet to find their size limits. Molemab are proud to have manufactured some of the largest vitrified CBN crank wheels ever produced worldwide, including vitrified CBN wheels over 2000mm in diameter.







Dressing Vitrified CBN

Correct dressing of vitrified CBN wheels dictates the success of the subsequent grinding operation. In addition to the dressing spindle itself, molemab offers a full range of diamond dressing discs, including both positive and reverse plated, sintered, infiltrated and CVD reinforced versions. Please refer to molemab technical staff for advice on the most suitable dressing option.





molemab worldwide www.molemab.com





headquarter via Provinciale 10 25050 Ome (Brescia)

9314 Launsdorf AUSTRIA tel +43 4213 4120 fax +43 4213 4120 - 20

molemab USA Corp. 150 Kendall Point Drive (suite G) Oswego Illinois 60543 tel +1 800 962 2226

2, rue A. Fresnel (Parc d'activité Le Fresnel I) 69680 Chassieu

tel +33 (0)4 72 21 82 39 fax +33 (0)4 72 50 58 11 superabrasifs@molemab.com

Poligono Industrial Sur (CC/Les Forques 13-15) 08754 El Papiol (Barcelona) tel +34 93 67 30 562 fax +34 93 67 30 563

molemab GmbH tel +49 (0)2241 95780-0 molemab Abrasives Ungheria kft Váci Utca 81. IV.em. 1056 Budapest tel +36 70-524-23-14 molemabhungary@molemab.com

Belgicka 115/40, Vinohrady 120 00 Praha 2 CZECH REPUBLIC tel +420 725 409 242

tel +1 450 338 4241 fax +1 450 338 4291

tel +1 800 962 2226 fax +1 888 203 3876

Acceso B 102-A numero 202 Zona Industrial Jurica MEXICO tel +52 442 199 0986

molemab abrasives (Shanghai) co. Itd Room 914, No. 1 building Huicui business plaza, Huayuan road Xiangcheng District 215131 Suzhou, Jiangsu province

43-200 Pszczyna ul. Piwowarska 1A/3 POLAND tel +48 510 166 833

Office India Manglam City, Tower no-9 832109 Jamshedpur INDIA tel +91 990 531 3666 kumar.amit@molemab.com

