



SQUARE 6™

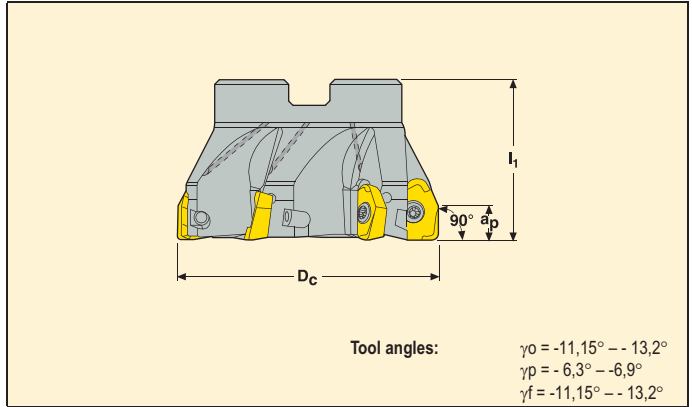
SIX NEW ANGLES ON SQUARE SHOULDER MILLING



Square 6 – 220.96-08A



- For insert selection and cutting data recommendations, see pages 7 - 8.
- For complete insert programme, see page 9.
- For plunging, see page 552 in the Milling catalogue.



| Pitch | Part No. | Dimensions in mm | | | | | | |
|--------|---------------------|------------------|----------------|----------------|----|-----|-------|----------|
| | | D _c | l ₁ | a _p | | | | |
| Normal | R220.96 -0050-08-4A | 50 | 40 | 7,5 | 4 | 0,3 | 10600 | XNEX0806 |
| | -0063-08-6A | 63 | 40 | 7,5 | 6 | 0,4 | 9400 | XNEX0806 |
| | -0080-08-7A | 80 | 50 | 7,5 | 7 | 1 | 8400 | XNEX0806 |
| | -0100-08-8A | 100 | 50 | 7,5 | 8 | 1,5 | 7500 | XNEX0806 |
| | -0125-08-11A | 125 | 63 | 7,5 | 11 | 2,8 | 6700 | XNEX0806 |
| | -8160-08-12 | 160 | 63 | 7,5 | 12 | 4,8 | 5900 | XNEX0806 |

Spare parts

| | Locking screw | Key * | Arbor screw |
|-------------------|---------------|--------|-------------|
| For cutter | | | |
| R220.96-0050 | C04011-T15P | T15P-4 | 220.17-696 |
| R220.96-0063 | C04011-T15P | T15P-4 | 220.17-692 |
| R220.96-0080-8160 | C04011-T15P | T15P-4 | – |
| | | | |
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* Torque value 3,5 Nm. Dynamometric keys, see page 549 in the Milling catalogue.

Dimensions of mounting

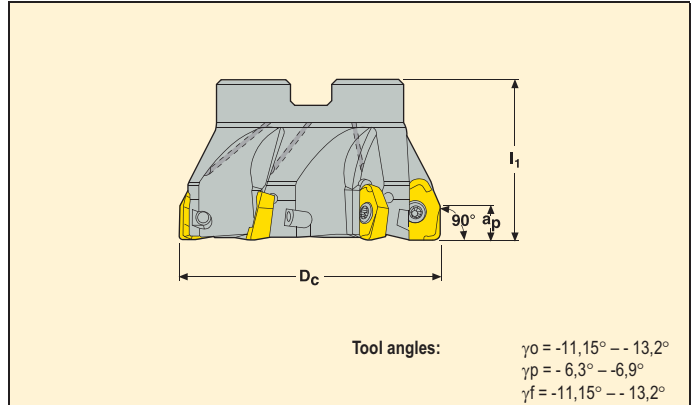
| | Dimensions in mm | | | | | For arbor | |
|--|-------------------|-----------------|-----------------|-----------------|-----|-----------|------------------|
| | For cutter | dm _m | D _{5m} | B _{kw} | c | | d _{hc1} |
| | R220.96-0050-0063 | 22 | 47 | 10,4 | 6,3 | – | 22 |
| | R220.96-0080 | 27 | 62 | 12,4 | 7 | – | 27 |
| | R220.96-0100 | 32 | 77 | 14,4 | 8 | – | 32 |
| | R220.96-0125 | 40 | 90 | 16,4 | 9 | – | 40 |
| | R220.96-8160 | 40 | 90 | 16,4 | 9 | 66,7 | 40 |

Please check availability in current price and stock-list.

Square 6 – 220.96-08A



- For insert selection and cutting data recommendations, see pages 7 - 8.
- For complete insert programme, see page 9.
- For plunging, see page 552 in the Milling catalogue.



| Pitch | Part No. | Dimensions in mm | | | | | | |
|-------|---------------------|------------------|----------------|----------------|----|-----|-------|----------|
| | | D _c | l ₁ | a _p | | | | |
| Close | R220.96 -0050-08-5A | 50 | 40 | 7,5 | 5 | 0,3 | 10600 | XNEX0806 |
| | -0063-08-7A | 63 | 40 | 7,5 | 7 | 0,4 | 9400 | XNEX0806 |
| | -0080-08-9A | 80 | 50 | 7,5 | 9 | 1 | 8400 | XNEX0806 |
| | -0100-08-11A | 100 | 50 | 7,5 | 11 | 1,5 | 7500 | XNEX0806 |
| | -0125-08-14A | 125 | 63 | 7,5 | 14 | 2,8 | 6700 | XNEX0806 |
| | -8160-08-16 | 160 | 63 | 7,5 | 16 | 4,8 | 5900 | XNEX0806 |

Spare parts

| For cutter | Locking screw | Key * | Arbor screw |
|-------------------|---------------|--------|-------------|
| | | | |
| R220.96-0050 | C04011-T15P | T15P-4 | 220.17-696 |
| R220.96-0063 | C04011-T15P | T15P-4 | 220.17-692 |
| R220.96-0080-8160 | C04011-T15P | T15P-4 | – |
| | | | |
| | | | |
| | | | |

* Torque value 3,5 Nm. Dynamometric keys, see page 549 in the Milling catalogue.

Dimensions of mounting

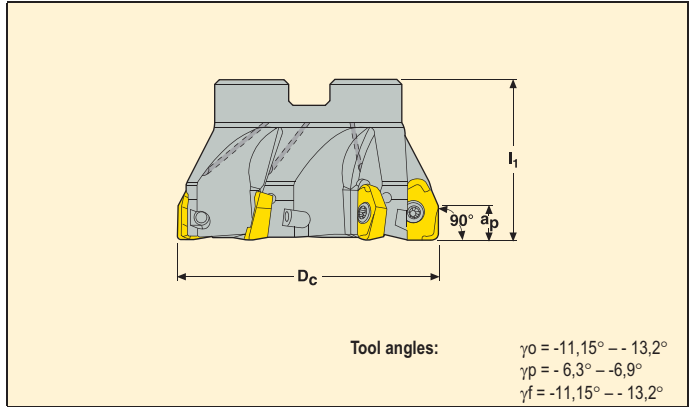
| For cutter | Dimensions in mm | | | | | For arbor |
|-------------------|------------------|-----------------|-----------------|-----|------------------|-----------|
| | dm _m | D _{sm} | B _{kw} | c | d _{hc1} | |
| R220.96-0050-0063 | 22 | 47 | 10,4 | 6,3 | – | 22 |
| R220.96-0080 | 27 | 62 | 12,4 | 7 | – | 27 |
| R220.96-0100 | 32 | 77 | 14,4 | 8 | – | 32 |
| R220.96-0125 | 40 | 90 | 16,4 | 9 | – | 40 |
| R220.96-8160 | 40 | 90 | 16,4 | 9 | 66,7 | 40 |
| | | | | | | |

Please check availability in current price and stock-list.

Square 6 – 220.96-08A



- For insert selection and cutting data recommendations, see pages 7 - 8.
- For complete insert programme, see page 9.
- For plunging, see page 552 in the Milling catalogue.



| Pitch | Part No. | Dimensions in mm | | | | | | |
|--------|---------------------|------------------|----------------|----------------|---|-----|------|----------|
| | | D _c | l ₁ | a _p | | | | |
| Coarse | R220.96 -0063-08-4A | 63 | 40 | 7,5 | 4 | 0,4 | 9400 | XNEX0806 |
| | -0080-08-5A | 80 | 50 | 7,5 | 5 | 1 | 8400 | XNEX0806 |
| | -0100-08-6A | 100 | 50 | 7,5 | 6 | 1,5 | 7500 | XNEX0806 |
| | -0125-08-7A | 125 | 63 | 7,5 | 7 | 2,8 | 6700 | XNEX0806 |
| | | | | | | | | |

Spare parts

| | Locking screw | Key * | Arbor screw |
|-------------------|---------------|--------|-------------|
| For cutter | | | |
| R220.96-0063 | C04011-T15P | T15P-4 | 220.17-692 |
| R220.96-0080-0125 | C04011-T15P | T15P-4 | – |
| | | | |
| | | | |

* Torque value 3,5 Nm. Dynamometric keys, see page 549 in the Milling catalogue.

Dimensions of mounting

| | Dimensions in mm | | | | For arbor | |
|--|------------------|-----------------|-----------------|-----------------|-----------|----|
| | For cutter | dm _m | D _{sm} | B _{kw} | | c |
| | R220.96-0063 | 22 | 47 | 10,4 | 6,3 | 22 |
| | R220.96-0080 | 27 | 62 | 12,4 | 7 | 27 |
| | R220.96-0100 | 32 | 77 | 14,4 | 8 | 32 |
| | R220.96-0125 | 40 | 90 | 16,4 | 9 | 40 |
| | | | | | | |

Please check availability in current price and stock-list.

Insert selection – 220.96-08

Universal insert: XNEX080608-M13 MP2500

| Seco Material group No. | Recom. feed f_z mm/tooth $a_e/D_c = 100\%$ | First choice | Difficult operations |
|-------------------------|---|---------------------------|---------------------------|
| 1 | 0,10–0,25 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 T350M |
| 2 | 0,10–0,25 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 T350M |
| 3 | 0,10–0,23 | XNEX 080608TR-M13 MP2500 | XNEX 080608TR-M13 T350M |
| 4 | 0,10–0,21 | XNEX 080608TR-M13 MP2500 | XNEX 080608TR-M13 T350M |
| 5 | 0,10–0,19 | XNEX 080608TR-M13 MP2500 | XNEX 080608TR-M13 T350M |
| 6 | 0,10–0,17 | XNEX 080608TR-MD15 MP1500 | XNEX 080608TR-MD15 MP2500 |
| 7 | 0,08–0,15 | XNEX 080608TR-MD15 MP1500 | XNEX 080608TR-MD15 MP3000 |
| 8 | 0,10–0,20 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-M13 T350M |
| 9 | 0,10–0,17 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-M13 T350M |
| 10 | 0,10–0,18 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-M13 F40M |
| 11 | 0,10–0,15 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-M13 F40M |
| 12 | 0,10–0,30 | XNEX 080608TR-M13 MK1500 | XNEX 080608TR-MD15 MK2000 |
| 13 | 0,10–0,25 | XNEX 080608TR-M13 MK1500 | XNEX 080608TR-MD15 MK2000 |
| 14 | 0,10–0,20 | XNEX 080608TR-M13 MK1500 | XNEX 080608TR-MD15 MK2000 |
| 15 | 0,10–0,18 | XNEX 080608TR-M13 MP1500 | XNEX 080608TR-MD15 MP1500 |
| 16 | 0,10–0,20 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 F40M |
| 17 | 0,10–0,19 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 F40M |
| 20 | 0,07–0,12 | XNEX 080608TR-ME09 T350M | XNEX 080608TR-ME09 F40M |
| 21 | 0,07–0,09 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 MP3000 |
| 22 | 0,07–0,13 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 F40M |

Cutting data – Full engagement width ($a_e/D_c = 100\%$)

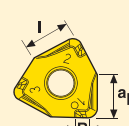
| Seco Material Group No. | Grades | | | | | | | | | | | | | | |
|------------------------------|------------------------|------|------|--------|------|------|--------|------|------|-------|------|------|------|------|------|
| | MP1500 | | | MP2500 | | | MP3000 | | | T350M | | | F40M | | |
| | Feed, f_z (mm/tooth) | | | | | | | | | | | | | | |
| | 0,07 | 0,18 | 0,30 | 0,07 | 0,18 | 0,30 | 0,07 | 0,18 | 0,30 | 0,07 | 0,18 | 0,30 | 0,07 | 0,18 | 0,30 |
| Cutting speed, v_c (m/min) | | | | | | | | | | | | | | | |
| 1 | 475 | 365 | 310 | 420 | 325 | 275 | 395 | 305 | 260 | 365 | 285 | 240 | 320 | 245 | 205 |
| 2 | 415 | 320 | 270 | 365 | 285 | 240 | 345 | 270 | 225 | 320 | 245 | 210 | 280 | 215 | 180 |
| 3 | 345 | 265 | 225 | 305 | 235 | 200 | 290 | 225 | 190 | 265 | 205 | 175 | 230 | 180 | 150 |
| 4 | 315 | 245 | 205 | 280 | 215 | 180 | 265 | 205 | 175 | 245 | 190 | 160 | 210 | 165 | 140 |
| 5 | 255 | 200 | 165 | 225 | 175 | 150 | 215 | 165 | 140 | 200 | 155 | 130 | 170 | 135 | 110 |
| 6 | 185 | 145 | – | 165 | 130 | – | 155 | 120 | – | 145 | 110 | – | 125 | 95 | – |
| 7 | 60 | 45 | – | 50 | 35 | – | 45 | 35 | – | 45 | 35 | – | 40 | 30 | – |
| 8 | 305 | 235 | 200 | 240 | 185 | 160 | 240 | 185 | 155 | 225 | 175 | 145 | 205 | 160 | 135 |
| 9 | 265 | 205 | – | 210 | 165 | – | 205 | 160 | – | 195 | 150 | – | 180 | 140 | – |
| 10 | 225 | 175 | – | 180 | 140 | – | 175 | 135 | – | 165 | 130 | – | 150 | 120 | – |
| 11 | 175 | 135 | – | 140 | 110 | – | 140 | 105 | – | 130 | 100 | – | 120 | 90 | – |
| 12 | 275 | 215 | 180 | 245 | 190 | 160 | 230 | 180 | 150 | 215 | 165 | 140 | 185 | 145 | 120 |
| 13 | 245 | 190 | 160 | 220 | 170 | 145 | 205 | 160 | 135 | 190 | 145 | 125 | 165 | 130 | 110 |
| 14 | 225 | 175 | 150 | 200 | 155 | 130 | 190 | 145 | 125 | 175 | 135 | 115 | 150 | 120 | 100 |
| 15 | 185 | 140 | – | 160 | 125 | – | 155 | 120 | – | 140 | 110 | – | 125 | 95 | – |
| 16 | – | – | – | 1135 | 880 | 740 | 1075 | 835 | 700 | 990 | 765 | 645 | 860 | 665 | 560 |
| 17 | – | – | – | 915 | 710 | 600 | 870 | 670 | 565 | 800 | 620 | 520 | 695 | 540 | 455 |
| 20 | – | – | – | 65 | 50 | – | 60 | 50 | – | 60 | 45 | – | 55 | 40 | – |
| 21 | – | – | – | 40 | 30 | – | 40 | 30 | – | 35 | 30 | – | 35 | 25 | – |
| 22 | – | – | – | 65 | 50 | – | 60 | 50 | – | 60 | 45 | – | 55 | 40 | – |

Cutting data – Side milling

| Operations | a_e/D_c | Recom. feed f_z mm/tooth | | | Speed factor |
|------------------------------|-----------|----------------------------|------|------|--------------|
| Full engagement | 100% | 0,07 | 0,18 | 0,30 | 1,00 |
| Side milling | 25% | 0,09 | 0,24 | 0,40 | 1,30 |
| | 10% | 0,14 | 0,37 | 0,61 | 1,50 |
| | 5% | 0,20 | 0,52 | 0,86 | 1,60 |
| Average chip thickness h_m | | 0,04 | 0,11 | 0,19 | – |

Dimensions in mm

| Insert type | Max D.O.C. a_p | Wiper flat width B |
|-------------|------------------|--------------------|
| 080608 | 7,5 | 1,3 |
| 080616 | 7,5 | 0,5 |
| | | |
| | | |
| | | |
| | | |



Choose suitable feed. Multiply speed value from basic cutting data by speed factor.

Insert selection – 220.96-08

Universal insert: XNEX080608-M13 MP2500

| Seco Material group No. | Recom. feed f_z mm/tooth $a_e/D_c = 100\%$ | First choice | Difficult operations |
|-------------------------|--|---------------------------|---------------------------|
| 1 | 0,10–0,25 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 T350M |
| 2 | 0,10–0,25 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 T350M |
| 3 | 0,10–0,23 | XNEX 080608TR-M13 MP2500 | XNEX 080608TR-M13 T350M |
| 4 | 0,10–0,21 | XNEX 080608TR-M13 MP2500 | XNEX 080608TR-M13 T350M |
| 5 | 0,10–0,19 | XNEX 080608TR-M13 MP2500 | XNEX 080608TR-M13 T350M |
| 6 | 0,10–0,17 | XNEX 080608TR-MD15 MP1500 | XNEX 080608TR-MD15 MP2500 |
| 7 | 0,08–0,15 | XNEX 080608TR-MD15 MP1500 | XNEX 080608TR-MD15 MP3000 |
| 8 | 0,10–0,20 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-M13 T350M |
| 9 | 0,10–0,17 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-M13 T350M |
| 10 | 0,10–0,18 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-M13 F40M |
| 11 | 0,10–0,15 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-M13 F40M |
| 12 | 0,10–0,30 | XNEX 080608TR-M13 MK1500 | XNEX 080608TR-MD15 MK2000 |
| 13 | 0,10–0,25 | XNEX 080608TR-M13 MK1500 | XNEX 080608TR-MD15 MK2000 |
| 14 | 0,10–0,20 | XNEX 080608TR-M13 MK1500 | XNEX 080608TR-MD15 MK2000 |
| 15 | 0,10–0,18 | XNEX 080608TR-M13 MP1500 | XNEX 080608TR-MD15 MP1500 |
| 16 | 0,10–0,20 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 F40M |
| 17 | 0,10–0,19 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 F40M |
| 20 | 0,07–0,12 | XNEX 080608TR-ME09 T350M | XNEX 080608TR-ME09 F40M |
| 21 | 0,07–0,09 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 MP3000 |
| 22 | 0,07–0,13 | XNEX 080608TR-ME09 F40M | XNEX 080608TR-ME09 F40M |

Cutting data – Full engagement width ($a_e/D_c = 100\%$)

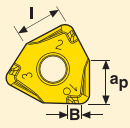
| Seco Material Group No. | Grades | | | | | | | | | | |
|------------------------------|------------------------|------|------|--------|------|------|--------|------|------|--|--|
| | MK1500 | | | MK2000 | | | MK3000 | | | | |
| | Feed, f_z (mm/tooth) | | | | | | | | | | |
| | 0,07 | 0,18 | 0,30 | 0,07 | 0,18 | 0,30 | 0,07 | 0,18 | 0,30 | | |
| Cutting speed, v_c (m/min) | | | | | | | | | | | |
| 1 | – | – | – | 415 | 320 | 270 | 385 | 290 | 250 | | |
| 2 | – | – | – | 360 | 280 | 235 | 335 | 250 | 220 | | |
| 3 | – | – | – | 300 | 235 | 195 | 280 | 210 | 185 | | |
| 4 | – | – | – | 275 | 215 | 180 | 255 | 190 | 165 | | |
| 5 | – | – | – | 225 | 175 | 145 | 210 | 155 | 135 | | |
| 6 | – | – | – | 165 | 125 | – | 150 | 115 | – | | |
| 7 | – | – | – | 50 | 40 | – | 50 | 35 | – | | |
| 8 | – | – | – | 265 | 205 | 175 | 240 | 180 | 155 | | |
| 9 | – | – | – | 230 | 180 | – | 205 | 155 | – | | |
| 10 | – | – | – | 200 | 155 | – | 175 | 130 | – | | |
| 11 | – | – | – | 155 | 120 | – | 140 | 105 | – | | |
| 12 | 345 | 270 | 225 | 240 | 185 | 155 | 225 | 170 | 145 | | |
| 13 | 310 | 240 | 200 | 215 | 165 | 140 | 200 | 150 | 130 | | |
| 14 | 285 | 220 | 185 | 200 | 155 | 130 | 185 | 140 | 120 | | |
| 15 | 230 | 180 | – | 160 | 125 | – | 150 | 110 | – | | |
| 16 | – | – | – | 1120 | 865 | 730 | 1040 | 780 | 680 | | |
| 17 | – | – | – | 905 | 700 | 590 | 840 | 630 | 550 | | |
| 20 | – | – | – | 70 | 55 | – | 60 | 45 | – | | |
| 21 | – | – | – | 45 | 35 | – | 40 | 30 | – | | |
| 22 | – | – | – | 70 | 55 | – | 60 | 45 | – | | |

Cutting data – Side milling

| Operations | a_e/D_c | Recom. feed f_z mm/tooth | | | Speed factor |
|------------------------------|-----------|----------------------------|------|------|--------------|
| Full engagement | 100% | 0,07 | 0,18 | 0,30 | 1,00 |
| Side milling | 25% | 0,09 | 0,24 | 0,40 | 1,30 |
| | 10% | 0,14 | 0,37 | 0,61 | 1,50 |
| | 5% | 0,20 | 0,52 | 0,86 | 1,60 |
| Average chip thickness h_m | | 0,04 | 0,11 | 0,19 | – |

Dimensions in mm

| Insert type | Max D.O.C. a_p | Wiper flat width B |
|-------------|------------------|--------------------|
| 080608 | 7,5 | 1,3 |
| 080616 | 7,5 | 0,5 |
| | | |
| | | |
| | | |
| | | |



Choose suitable feed. Multiply speed value from basic cutting data by speed factor.

XNEX

Tolerances (± mm)

| | l | s |
|------|-------|-------|
| XNEX | 0,025 | 0,025 |

| Size | Dimensions in mm | |
|------|------------------|-------------|
| | l | s |
| 0806 | 12,48 | 6,37 - 6,47 |
| | | |
| | | |

| Inserts | Part No. | r _e | Cutting rake | Grades | | | | | | | | | | | | | | | |
|-------------------|--------------------|----------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|------|-------|----------|------|------|------|------|----|
| | | | | Coated | | | | | | | | | | Uncoated | | | | | |
| | | | | MK1500 | MK2000 | MK3000 | MP1500 | MP2500 | MP3000 | MH1000 | MS2500 | T25M | T350M | F15M | F20M | F25M | F40M | S60M | HX |
| ME09/M13/MD15 | XNEX 080608TR-ME09 | 0,8 | 27° | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| | 080608TR-M13 | 0,8 | 22° | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| | 080608TR-MD15 | 0,8 | 17° | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| | XNEX 080616TR-ME09 | 1,6 | 27° | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| | 080616TR-M13 | 1,6 | 22° | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| | 080616TR-MD15 | 1,6 | 17° | ■ | ■ | ■ | ■ | ■ | ■ | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

■ Stock standard
 Subject to change refer to current price and stock-list.

Inserts for square shoulder / slot milling and helical milling cutters

| Insert designation | Grade |
|--------------------|--------|
| XOMX 060202R-M05 | MP3000 |
| XOMX 060204R-M05 | MP3000 |
| XOMX 060208R-M05 | MP3000 |
| XOMX 060216R-M05 | MP3000 |
| XOMX 090308TR-M08 | MP3000 |
| XOMX 090312TR-M08 | MP3000 |
| XOMX 090304TR-ME06 | MP3000 |
| XOMX 090308TR-ME06 | MP3000 |
| XOMX 090312TR-ME06 | MP3000 |
| XOMX 090316TR-ME06 | MP3000 |
| XOMX 090320TR-ME06 | MP3000 |
| XOMX 090324TR-ME06 | MP3000 |
| XOMX 090331TR-ME06 | MP3000 |
| XOMX 120408TR-D14 | MP3000 |
| XOMX 120408TR-MD13 | MP3000 |
| XOMX 120412TR-M12 | MP3000 |
| XOMX 120431TR-D14 | MP3000 |
| XOMX 120412TR-MD13 | MP3000 |
| XOMX 120416TR-MD13 | MP3000 |
| XOEX 120408R-M07 | MP3000 |
| XOEX 120416R-M07 | MP3000 |
| XOEX 120431R-M07 | MP3000 |
| XOEX 120412TR-M12 | MP3000 |
| XOEX 120408ZZR-M07 | MP3000 |
| XOMX 180608TR-MD15 | MP3000 |
| XOMX 180612TR-MD15 | MP3000 |
| XOMX 180616TR-MD15 | MP3000 |
| XOMX 180608TR-D16 | MP3000 |
| XOMX 180631TR-D16 | MP3000 |
| XOMX 180608TR-M14 | MP3000 |
| XOMX 180612TR-M14 | MP3000 |
| XOMX 180616TR-M14 | MP3000 |
| XOMX 180620TR-M14 | MP3000 |
| XOMX 180624TR-M14 | MP3000 |
| XOMX 180631TR-M14 | MP3000 |
| XOEX 180608ZZR-M10 | MP3000 |
| APKX 1604PDR-ME12 | MP3000 |
| APFT 1604PDTR-D15 | MP3000 |
| ACET 150612TR-MD15 | MP3000 |
| SCET 120612T-MD15 | MP3000 |
| | |
| | |

Inserts for face milling cutters

| Insert designation | Grade |
|---------------------|--------|
| HPMN 1206ZETR-D25 | MP3000 |
| OFEN 070405TN-D18 | MP3000 |
| OFEN 0704ZZR-M10 | MP3000 |
| OFER 070405N-M10 | MP3000 |
| SEEX 09T3AFN-M05 | MP3000 |
| OFEX 05T305N-M05 | MP3000 |
| SEEX 1204AFN-M10 | MP3000 |
| SEEX 1204AFTN-MD18 | MP3000 |
| SEMX 1204AFTN-MD19 | MP3000 |
| SEMX 1505AFTN-MD20 | MP3000 |
| ONMF 090520ANTN-M14 | MP3000 |
| ODMT 050504TN-MD20 | MP3000 |

Inserts for disc milling cutters

| Insert designation | Grade |
|----------------------|--------|
| LNKT 050404PPTN4-M06 | MP3000 |
| LNKT 050408PPTN4-M06 | MP3000 |
| LNKW 050404PPN4-MD07 | MP3000 |
| LNKW 050408PPN4-MD07 | MP3000 |
| LNKT 060504PPTN-M06 | MP3000 |
| LNKT 060508PPTN-M06 | MP3000 |
| LNKW 060504PPN-MD08 | MP3000 |
| LNKW 060508PPN-MD08 | MP3000 |
| LNKT 080504PPTN-M06 | MP3000 |
| LNKT 080508PPTN-M06 | MP3000 |
| LNKW 080504PPN-MD08 | MP3000 |
| LNKW 080508PPN-MD08 | MP3000 |

Inserts for copy milling cutters

| Insert designation | Grade |
|---------------------|--------|
| 218.19-080T-M04 | MP3000 |
| 218.19-100T-M06 | MP3000 |
| 218.19-125T-T3-M07 | MP3000 |
| 218.19-125T-T3-MD08 | MP3000 |
| 218.19-160T-04-M08 | MP3000 |
| 218.19-160T-04-MD09 | MP3000 |
| RDHW 06T1M0-MD02 | MP3000 |
| RDHW 0803M0-MD03 | MP3000 |
| RDHW 10T3M0-MD04 | MP3000 |
| RPHW 1204M0-MD05 | MP3000 |
| RPHW 1605M0T-MD08 | MP3000 |
| RPKW 2006M0-MD10 | MP3000 |

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