



11201114.

| Application | | Steel (N/mm ²) | | | Stainless steel | | Alu | | Brass | | Bronze | | Plastics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. | |
|-------------|----------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|----------|-----------------|------------|-------------|--------------|-------------|-----------|--------|
| No. | | <700 | <1000 | <1300 | marten. | austen. | short | long | short | long | short | long | | | | | | | <55HRC | <65HRC |
| 11201114. | v _c | 100 | 100 | 85 | 50 | 50 | 150 | 150 | | | | | | | 120 | 85 | 80 | 75 | | |
| | f _z | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.1 | 0.1 | | | | | | | 0.05 | 0.04 | 0.04 | 0.04 | | |



11201116.

| Application | | Steel (N/mm ²) | | | Stainless steel | | Alu | | Brass | | Bronze | | Plastics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. | |
|-------------|----------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|----------|-----------------|------------|-------------|--------------|-------------|-----------|--------|
| No. | | <700 | <1000 | <1300 | marten. | austen. | short | long | short | long | short | long | | | | | | | <55HRC | <65HRC |
| 11201116. | v _c | 100 | 100 | 85 | 50 | 50 | 150 | 150 | | | | | | | 120 | 85 | 80 | 75 | | |
| | f _z | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.1 | 0.1 | | | | | | | 0.05 | 0.04 | 0.04 | 0.04 | | |



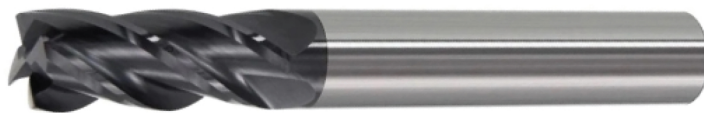
11201131.

| Application | | Steel (N/mm ²) | | | Stainless steel | | Alu | | Brass | | Bronze | | Plastics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. | |
|-------------|----------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|----------|-----------------|------------|-------------|--------------|-------------|-----------|--------|
| No. | | <700 | <1000 | <1300 | marten. | austen. | short | long | short | long | short | long | | | | | | | <55HRC | <65HRC |
| 11201131. | v _c | 100 | 100 | 85 | 50 | 50 | 150 | 150 | | | | | | | 120 | 85 | 80 | 75 | | |
| | f _z | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.1 | 0.1 | | | | | | | 0.05 | 0.04 | 0.04 | 0.04 | | |



11201133.

| Application | | Steel (N/mm ²) | | | Stainless steel | | Alu | | Brass | | Bronze | | Plastics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. | |
|-------------|----------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|----------|-----------------|------------|-------------|--------------|-------------|-----------|--------|
| No. | | <700 | <1000 | <1300 | marten. | austen. | short | long | short | long | short | long | | | | | | | <55HRC | <65HRC |
| 11201133. | v _c | 100 | 100 | 85 | 50 | 50 | 150 | 150 | | | | | | | 120 | 85 | 80 | 75 | | |
| | f _z | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.1 | 0.1 | | | | | | | 0.05 | 0.04 | 0.04 | 0.04 | | |



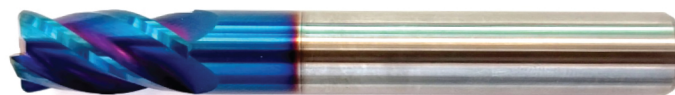
11201146.

| Application | | Steel (N/mm ²) | | | Stainless steel | | Alu | | Brass | | Bronze | | Plastics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. | |
|-------------|----------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|----------|-----------------|------------|-------------|--------------|-------------|-----------|--------|
| No. | | <700 | <1000 | <1300 | marten. | austen. | short | long | short | long | short | long | | | | | | | <55HRC | <65HRC |
| 11201146. | v _c | 140 | 140 | 125 | 90 | 90 | 150 | 150 | | | | | | | 160 | 125 | 120 | 115 | 50 | |
| | f _z | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.1 | 0.1 | | | | | | | 0.05 | 0.04 | 0.04 | 0.04 | 0.05 | |



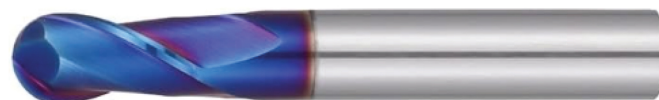
11201148.

| Application | | Steel (N/mm ²) | | | Stainless steel | | Alu | | Brass | | Bronze | | Plastics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. | |
|-------------|----------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|----------|-----------------|------------|-------------|--------------|-------------|-----------|--------|
| No. | | <700 | <1000 | <1300 | marten. | austen. | short | long | short | long | short | long | | | | | | | <55HRC | <65HRC |
| 11201148. | v _c | 140 | 140 | 125 | 90 | 90 | 150 | 150 | | | | | | | 160 | 125 | 120 | 115 | 50 | |
| | f _z | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.1 | 0.1 | | | | | | | 0.05 | 0.04 | 0.04 | 0.04 | 0.05 | |



11201158.

| Application | | Steel (N/mm ²) | | | Stainless steel | | Alu | | Brass | | Bronze | | Plastics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. | |
|-------------|----------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|----------|-----------------|------------|-------------|--------------|-------------|-----------|--------|
| No. | | <700 | <1000 | <1300 | marten. | austen. | short | long | short | long | short | long | | | | | | | <55HRC | <65HRC |
| 11201158. | v _c | 150 | 150 | 135 | 100 | 100 | 150 | 150 | | | | | | | 160 | 125 | 120 | 115 | 60 | |
| | f _z | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.1 | 0.1 | | | | | | | 0.05 | 0.04 | 0.04 | 0.04 | 0.05 | |



11201133.

| Application | | Steel (N/mm ²) | | | Stainless steel | | Alu | | Brass | | Bronze | | Plastics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. | |
|-------------|----------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|----------|-----------------|------------|-------------|--------------|-------------|-----------|--------|
| No. | | <700 | <1000 | <1300 | marten. | austen. | short | long | short | long | short | long | | | | | | | <55HRC | <65HRC |
| 11201160. | v _c | 150 | 150 | 135 | 100 | 100 | 150 | 150 | | | | | | | 160 | 125 | 120 | 115 | 60 | |
| | f _z | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.1 | 0.1 | | | | | | | 0.05 | 0.04 | 0.04 | 0.04 | 0.05 | |