

TAPS CATALOGUE



Germany | India | Russia





1. Soft structural steels up to 500 N/ mm ²	1.1 Structural steels 1.2 Plain cast steels
2. Free cutting steels and structural steels up to 800 N/mm ²	2.1 Free cutting steels 2.2 Structural steels and heat-treated steels 2.3 Plain cast steels
3. Heat-treated steels and tool steels up to 1100 N/mm ²	3.1 Case hardened steels and nitriding steels 3.2 Heat-treated steels 3.3 Tool steels
4. High-alloyed steels and heat-treated steels up to 1400 N/mm ²	4.1 High-alloyed steels 4.2 Heat-treated steels
5. Stainless steels and heat resisting steels	5.1 With strength 450 - 800 N/mm ² 5.2 With strength 600 - 1000 N/mm ²
6. Cast iron	6.1 Grey cast iron 6.2 Spheroidal graphite cast iron and malleable cast iron
7. Unalloyed aluminium	7.1 Unalloyed aluminium
8. Aluminium alloys	8.1 Si content < 10% 8.2 Si content > 10 %
9. Unalloyed copper	9.1 Unalloyed Copper
10. Copper alloys	10.1 Short Chipping 10.2 Long Chipping
11. Zinc	11.1 Zinc and zinc alloy

SYMBOLS



tap for steels up to 800 N/mm²



tap for stainless steels



tap for universal applications



Oxidation



titanium aluminiumnitride coating



titanium carbonitride coating



Balinit® Hardlube coating



super high speed steel 3% vanadium alloyed













































powder super high speed steel

























































internal axial coolant supply



internal axial coolant supply with hole outlets in the flutes

1500NX		DIN 371	HSSE V3	ISO 2 6H	 B 3,5-6	800 N/mm²			M3-M10	
1540NX		DIN 371	HSSE V3	ISO 2 6H	 B 3,5-6	800 N/mm²		OX	M3-M10	
1520NX		DIN 371	HSSE V3	ISO 2 6H	 B 3,5-6	800 N/mm²		TiAlN	M3-M10	
3500NX		DIN 376	HSSE V3	ISO 2 6H	 B 3,5-6	800 N/mm²			M12-M20	
3540NX		DIN 376	HSSE V3	ISO 2 6H	 B 3,5-6	800 N/mm²		OX	M12-M20	
3520NX		DIN 376	HSSE V3	ISO 2 6H	 B 3,5-6	800 N/mm²		TiAlN	M12-M20	
2050NX		DIN 371	HSSE V3	ISO 2 6H	 C 2-3	 40°	800 N/mm²		M3-M10	
2090NX		DIN 371	HSSE V3	ISO 2 6H	 C 2-3	 40°	800 N/mm²		OX	M3-M10
2070NX		DIN 371	HSSE V3	ISO 2 6H	 C 2-3	 40°	800 N/mm²		TiAlN	M3-M10
4050NX		DIN 376	HSSE V3	ISO 2 6H	 C 2-3	 40°	800 N/mm²			M12-M20
4090NX		DIN 376	HSSE V3	ISO 2 6H	 C 2-3	 40°	800 N/mm²		OX	M12-M20
4070NX		DIN 376	HSSE V3	ISO 2 6H	 C 2-3	 40°	800 N/mm²		TiAlN	M12-M20

1690NX		DIN 371	HSSE V3	ISO 2 6H	B 3,5-6	1100 N/mm ²		OX	M2-M10
1680NX		DIN 371	HSSE V3	ISO 2 6H	B 3,5-6	1100 N/mm ²		TiCN	M3-M10
3690NX		DIN 376	HSSE V3	ISO 2 6H	B 3,5-6	1100 N/mm ²		OX	M12-M36
3680NX		DIN 376	HSSE V3	ISO 2 6H	B 3,5-6	1100 N/mm ²		TiCN	M12-M36
2290NX		DIN 371	HSSE V3	ISO 2 6H	C 2-3	1100 N/mm ²		OX	M2-M10
2280NX		DIN 371	HSSE V3	ISO 2 6H	C 2-3	1100 N/mm ²		TiCN	M3-M10
4290NX		DIN 376	HSSE V3	ISO 2 6H	C 2-3	1100 N/mm ²		OX	M12-M36
4280NX		DIN 376	HSSE V3	ISO 2 6H	C 2-3	1100 N/mm ²		TiCN	M12-M36

1720NX		DIN 371	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL	M2-M10
1720NX		DIN 371	HSSE PM	ISO 3 66X		1300 N/mm ²		HL	M3-M10
1720NXIKZN		DIN 371	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL IKZN	M6-M10
3720NX		DIN 376	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL	M12-M30
3720NX		DIN 376	HSSE PM	ISO 3 66X		1300 N/mm ²		HL	M12-M20
3720NXIKZN		DIN 376	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL IKZN	M12-M20
2220NX		DIN 371	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL	M2-M10
2220NX		DIN 371	HSSE PM	ISO 3 66X		1300 N/mm ²		HL	M3-M10
2220NXIKZ		DIN 371	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL IKZ	M6-M10
4220NX		DIN 376	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL	M12-M30
4220NX		DIN 376	HSSE PM	ISO 3 66X		1300 N/mm ²		HL	M12-M20
4220NXIKZ		DIN 376	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL IKZ	M12-M20
3720NX		DIN 374	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL	M8 x 1 - M20 x 1,5
4220NX		DIN 374	HSSE PM	ISO 2 6HX		1300 N/mm ²		HL	M8 x 1 - M20 x 1,5
3722NX		DIN 5156	HSSE PM			1300 N/mm ²		HL	G1/8" - G1"
4222NX		DIN 5156	HSSE PM			1300 N/mm ²		HL	G1/8" - G1"

