

MATERIAL CROSS REFERENCE CHART

Steel

CLASS	GERMANY DIN	UK BS	FRANCE NF	RUSSIA ГОСТ	USA AISI / SAE	JAPAN JIS	CHINA GB	
CARBON STEEL FOR MACHINE STRUCTURAL USE	C10E C10R	040A10 045A10 045M10	XC10		1010	S10C	08 10	
		040A12	XC12		1012	S12C		
	C15E C15R	055M15			1015	S15C	15	
			XC18		1017	S17C		
	C22 C22E C22R	070M20 C22 C22E C22R	C22 C22E C22R		1020	S20C	20	
					1023	S22C		
	C25 C25E C25R	C25 C25E C22R	C25 C25E C25R		1025	S25C	25	
				25Г	1029	S28C		
	C30 C30E C30R	080A30 080M30 C30 C30E C30R	C30 C30E C30R		30Г	1030	S30C	30
				30Г			S33C	
	C35 C35E C35R	C35 C35E C35R	C35 C35E C35R		35Г	1035	S35C	35
				35Г	1038	S38C		
	C40 C40E C40R	080M40 C40 C40E C40R	C40 C40E C40R		40Г	1039 1040	S40C	40
		080A42		40Г	1042 1043	S43C		
	C45 C45E C45R	C45 C45E C45R	C45 C45E C45R		45Г	1045 1046	S45C	45
		080A47		45Г		S48C		
	C50 C50E C50R	080M50 C50 C50E C50R	C50 C50E C50R		50Г	1049	S50C	50
				50Г	1050 1053	S53C		
	C55 C55E C55R	070M55 C55 C55E C55R	C55 C55E C55R			1055	S55C	55
	C60 C60E C60R	C60 C60E C60R	C60 C60E C60R		60Г	1059 1060	S58C	60
C10E	045A10 045M10	XC10				S09CK		
C15E			XC12			S15CK	15F	
			XC18			S20CK		

GRADES	A
INSERTS	B
CBN & PCD	C
TURNING	E
BORING	F
GRINDING	G
CUT-OFF	H
THREADING	J
SOLID END MILLS	L
MILLING	M
SPARE PARTS	P
TECHNICAL	R
INDEX	T